Table 1 – 1987-2004 Pre BCPIA

Table 1
Historical Summary of Boulder Canyon Project Replacements
For the Period June 1, 1987 Through September 30, 2011.
Plus
Summary of Budgeted Boulder Canyon Project Replacements
For The Period October 1, 2011 Through September 30, 2021.

ITEM NO.	DESCRIPTION	AMORT. CLASS	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996
			$	$	$	$	$	$	$	$	$
1	Hoover-Mead Consolidation	Multi-Yr		758,109	3,433,253	482,973	1,361,537	2,018,337	2,952,402	499,202	57,274
2	River Telemetry Upgrade/Sutron	Annual			313,083	255,317	52,412	217,691	142,969	39,189	31,340
3	P/P Piping Replacement	Annual					40,623	249,923	214,208	212,840	158,184
4	Jet Flow Gates-Install/Design	Multi-Yr					109,273	71,399	24,301	934,294	203,274
5	Station/Domestic Water Systems	Multi-Yr		35,770	1,916	113,998	127,573	1,034,419	432,474	104,900	
6	Cooling Water Eductor System	Annual					46,301	58,594	696,195	16,932	241,717
7	Crane Modernization	Multi-Yr						92,519	287,216	157,774	4,623
8	Thrust Bearing Cooler NV/AZ	Annual						3,071	105,545	2,213	36,976
9	Unscheduled Powerplant Replacements	Annual			331,455	(228,839)	96,178	180,705	847,127	556,462	621,686
10	Station Service Units-Recondition	Multi-Yr			29,594	5,491	179	71,389	851,321	1,215,620	360,235
11	Station Service Air Compressors	Multi-Ann	268,046	61,570	14,746						3,800
12	Jus System Upgrade	Multi-Yr								173,817	550,971
13	Fire Alarm System	Multi-Yr							26,495	15,756	75,280
14	Intake Emergency Generators	Multi-Yr								329,182	58,354
15	Sewage Sludge Pumps	Multi-Yr									80,300
16	Scheduled Communication Replacements	Annual									288,676
17	Wicketgate Bushings/Wear Plate	Annual									
18	Ground Switch - N4	Annual									4,369
19	Scheduled Control System Replacements	Annual									324,242
20	Upgrade Machine Shop Equipment	Multi-Yr								571	412,312
21	Central Section Replacements	Multi-Yr									
22	Sewage Plant	Annual									
23	Life Safety Code/ADA Compliance	Annual									
24	Station Service Electrical	Multi-Yr						42,135	249	867	
25	Spare Unit Breaker	Multi-Yr									
26	Intake Gatehoist Starters	Annual									
27	Battery - Operated Forklifts	Annual									
28	Seal Rings - A3/A4	Annual									
29	Lighting Panels	Multi-Yr							2,221	5,404	
31	River Telemetry/MMI	Annual		628	19,037	50,133	25,394	2,025	103,488	20,785	
32	Paradox Gate Controls	Multi-Yr							4,987	48,619	
33	Butterfly Seals/Pivot Bearings	Annual								9,737	
34	Station Service Equipment	Multi-Yr	168,891	38,062							
35	General Piping Replacements	Annual	18,649								
36	2300V Station Service Cable	Annual	168,693								
37	Needle Valve Replacement Program	Multi-Yr	31,789	47,197	379,212	1,936,298	454,350	4,034			
38	460V Motor Control Centers	Multi-Yr	190,250	5,149							
39	Central Section Firelines	Multi-Yr	276,879	45,965							
40	Dam/Powerplant Elevator Controls/ElevatorMotor&Controller Replc	Multi-Yr-Ann	613,879	77,665							
41	AZ/NV Valvehouse Elevators	Multi-Yr	247,645	336,495	96,290						
42	Flowmeter Record/Monitor Equipment	Multi-Yr	145,763	283							
43	Pre-88 Expense Water Piping (SCE)	Annual	403,501								
44	Pre-88 Expense A6 Windings (SCE)	Annual	98,835								
45	Temperature Monitoring Equipment	Multi-Yr	353,769	105,562							
46	Auto Grease System	Multi-Yr	47,695	11,665							
47	AZ Valve House Water Supply	Multi-Yr	212,470	53,404							
48	Central Section Sump Pumps	Multi-Yr	240,952	28,479							
49	125-250V DC Battery Charge System	Annual	371,186								

Table 1
Historical Summary of Boulder Canyon Project Replacements
For the Period June 1, 1987 Through September 30, 2011.
Plus
Summary of Budgeted Boulder Canyon Project Replacements
For The Period October 1, 2011 Through September 30, 2021.

ITEM NO.	DESCRIPTION	FY 1997 $	FY 1998 $	FY 1999 $	FY 2000 $	FY 2001 $	FY 2002 $	FY 2003 $	FY 2004 $
1	Hoover-Mead Consolidation								
2	River Telemetry Upgrade/Sutron	18,037							
3	P/P Piping Replacement	81,755	134,248	8,862		150,000			
4	Jet Flow Gates-Install/Design	681,007	1,801,733	23,946					
5	Station/Domestic Water Systems								
6	Cooling Water Eductor System	368,181	274,444	258,798	250,416	251,321	292,064	254,488	63,529
7	Crane Modernization	23,629	1,789		1,005				
8	Thrust Bearing Cooler NV/AZ	239,369							
9	Unscheduled Powerplant Replacements	5,637	22,316	14,375					
10	Station Service Units-Recondition								
11	Station Service Air Compressors								
12	Jus System Upgrade	469,855							
13	Fire Alarm System	484,118	16,401						
14	Intake Emergency Generators	345,696	84,047	13,293					
15	Sewage Sludge Pumps	25,533							
16	Scheduled Communication Replacements	270,328	289,404	189,939	214,039	45,629	184,070	53,774	
17	Wicketgate Bushings/Wear Plate			6,766	234,364	67,274	78,654	155,526	511,159
18	Ground Switch - N4								
19	Scheduled Control System Replacements	437,984	527,495	252,011	91,535	287,854	392,305	128,085	170,770
20	Upgrade Machine Shop Equipment	389,403							
21	Central Section Replacements		102,710	922,843	122,739				
22	Sewage Plant	269,966							
23	Life Safety Code/ADA Compliance	44,679	111,716	464,688	90,564	653,405	260,732	125,143	134,089
24	Station Service Electrical								
25	Spare Unit Breaker		14,226	14,725	236,557	12,744	2,644		
26	Intake Gatehoist Starters		8,887	27,952					
27	Battery - Operated Forklifts		22,041						
28	Seal Rings - A3/A4		16,398	177,535					
29	Lighting Panels								
31	River Telemetry/MMI								
32	Paradox Gate Controls								
33	Butterfly Seals/Pivot Bearings								
34	Station Service Equipment								
35	General Piping Replacements								
36	2300V Station Service Cable								
37	Needle Valve Replacement Program								
38	460V Motor Control Centers								
39	Central Section Firelines								
40	Dam/Powerplant Elevator Controls/ElevatorMotor&Controller Replc								
41	AZ/NV Valvehouse Elevators								
42	Flowmeter Record/Monitor Equipment								
43	Pre-88 Expense Water Piping (SCE)								
44	Pre-88 Expense A6 Windings (SCE)								
45	Temperature Monitoring Equipment								
46	Auto Grease System								
47	AZ Valve House Water Supply								
48	Central Section Sump Pumps								
49	125-250V DC Battery Charge System								

Table 1
Historical Summary of Boulder Canyon Project Replacements
For the Period June 1, 1987 Through September 30, 2011.
Plus
Summary of Budgeted Boulder Canyon Project Replacements
For The Period October 1, 2011 Through September 30, 2021.

ITEM NO.	DESCRIPTION	AMORT. CLASS	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996
			$	$	$	$	$	$	$	$	$
50	Fiber Optics Communications	Multi-Yr	98,136	226,454	89,557						
51	Central Section Ventilation	Ann-Multi	973		1,542		59,188	1,285,442	79,483		
52	Station Service Governors	Ann-Multi		25,040		2,207	407,788				
53	Unit CB's/N1-N7, A1-A2, 1B, SS	Multi-Yr	10,997	50,761							
54	M Distribution Board	Multi-Yr			419	942,160	687,861				
55	150-Ton Cableway Control Boards/Relays	Ann-Multi		65,048		69,041	667,923	110,590	305		
56	Penstock Tunnels-Lighting System	Multi-Ann			36	63,096	172,089	17,086	55		
57	Communications Upgrade	Multi-Yr					985,207	85,088			
58	Vacuum Purification Units	Multi-Yr					2,147	8,858			
59	Uninterruptible Power Supply	Annual					218,394				
60	4th Floor Unit Controls/NV	Multi-Yr					71,592	115,321			
61	4th Floor Unit Controls/AZ	Multi-Yr					130,920	105,203			
62	Telephone Switch	Multi-Yr						317,984	35,609		
63	Station Service Controls/Relays	Multi-Yr						223,442	601		
64	Station Service Compressors	Multi-Yr							30,664	775,767	
65	Dewater Eductors/Water Pumps	Annual							4,970		
66	Miscellaneous/Minor Equipment	Annual	142,516	203,260		15,031	32,668	33,703	127,056		129,370
67	Sedans/Transportation Equipment (Rolling Stock)	Annual	72,919	195,972		60,000	91,288	108,403	105,800	58,996	46,691
68	Unscheduled General Project Replacements	Annual							2,428		
69	Communications Test Equipment	Annual							104,958	86,838	11,359
70	Controls System Test Equipment	Annual							6,158	8,747	19,940
72	BC Water System Modifications	Annual	138,220	4,404							
73	Breakers/Timing Tester	Annual				30,000					
74	Machine Shop Mill	Multi-Yr					43,676	722			
75	Roof Drainage System	Annual	43,155								
76	Other Noncontract Replacement Expense	Annual	202,568								
77	Transformer Warranty Work	Multi-Yr									
78	Generator Coolers	Annual									
79	Misc NC Expense Paint Shop	Annual	14,846								
80	Air Compressor	Annual	2,760								
81	Power Saw	Annual	13,642								
82	Lathe	Annual	80,997								
83	Fork Lift	Annual	44,115								
84	A9 Seal Rings	Annual									
85	Auto Synchronizer	Annual									
86	Butterfy Values (Seats and Seals (Reseating)	Annual									
87	DSWR Warehouse (Western)	Annual									
88	Remove & Dispose of Bushings at Hoover 69kV Yard	Annual									
89	Air Compressors Overhaul	Annual									
90	Batteries - UPS	Annual									
91	Emergency Compressor Repair	Annual									
92	Vibration Test/Correct A5/N7	Annual									
93	Replace Station Service Tie Brkr w/Bus	Annual									
94	Service Air System Replacement	Annual									
95	Spare Turbine Seal Rings	Annual									
96	VHF Radios (Western)	Annual									
97	Relay Replacements on Hoover-Mead Lines	Annual									
98	2300V Conduit & Power Cable (Warehouse) Replc	Annual									

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Historical Summary of Boulder Canyon Project Replacements
For the Period June 1, 1987 Through September 30, 2011.
Plus
Summary of Budgeted Boulder Canyon Project Replacements
For The Period October 1, 2011 Through September 30, 2021.

ITEM NO.	DESCRIPTION	FY 1997 $	FY 1998 $	FY 1999 $	FY 2000 $	FY 2001 $	FY 2002 $	FY 2003 $	FY 2004 $
50	Fiber Optics Communications								
51	Central Section Ventilation								
52	Station Service Governors								
53	Unit CB's/N1-N7, A1-A2, 1B, SS								
54	M Distribution Board								
55	150-Ton Cableway Control Boards/Relays								
56	Penstock Tunnels-Lighting System		3,706	16,327	182,620	4,293	1,880	58,353	629,393
57	Communications Upgrade								
58	Vacuum Purification Units								
59	Uninterruptible Power Supply								
60	4th Floor Unit Controls/NV								
61	4th Floor Unit Controls/AZ								
62	Telephone Switch								
63	Station Service Controls/Relays								
64	Station Service Compressors								
65	Dewater Eductors/Water Pumps								
66	Miscellaneous/Minor Equipment	109,324	104,818	106,463	89,300	77,810	78,661	110,985	27,018
67	Sedans/Transportation Equipment (Rolling Stock)	54,389	(17,760)			68,835	23,050	153,580	67,409
68	Unscheduled General Project Replacements	3,205	98,265	7,785	4,952				
69	Communications Test Equipment	18,251	27,364	5,785	12,331	14,322		252	513
70	Controls System Test Equipment	31,825	25,811	549	2,323		7,058		25,000
72	BC Water System Modifications								
73	Breakers/Timing Tester								
74	Machine Shop Mill								
75	Roof Drainage System								
76	Other Noncontract Replacement Expense								
77	Transformer Warranty Work	331,953	100,000						
78	Generator Coolers		78,759	182,349	86,412	19,502	140,307	133,334	22,526
79	Misc NC Expense Paint Shop								
80	Air Compressor								
81	Power Saw								
82	Lathe								
83	Fork Lift								
84	A9 Seal Rings		10,200						
85	Auto Synchronizer		8,083						
86	Butterfy Values (Seats and Seals (Reseating)				21,384	642,517	774,663	832,814	638,372
87	DSWR Warehouse (Western)			183	4,778	38,541	4,932	20,378	
88	Remove & Dispose of Bushings at Hoover 69kV Yard								
89	Air Compressors Overhaul			47,854					
90	Batteries - UPS			81,161					
91	Emergency Compressor Repair			30,468					
92	Vibration Test/Correct A5/N7			165,038	26,468				
93	Replace Station Service Tie Brkr w/Bus					8,457			
94	Service Air System Replacement					5,029			
95	Spare Turbine Seal Rings					10,398	182,541	2,799	140,825
96	VHF Radios (Western)			(338)		10,269	61,343	88,634	(30,154)
97	Relay Replacements on Hoover-Mead Lines								
98	2300V Conduit & Power Cable (Warehouse) Replc								

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Historical Summary of Boulder Canyon Project Replacements
For the Period June 1, 1987 Through September 30, 2011.
Plus
Summary of Budgeted Boulder Canyon Project Replacements
For The Period October 1, 2011 Through September 30, 2021.

ITEM NO.	DESCRIPTION	AMORT. CLASS	FY 1988 $	FY 1989 $	FY 1990 $	FY 1991 $	FY 1992 $	FY 1993 $	FY 1994 $	FY 1995 $	FY 1996 $
99	Replace Wastewater Treatment Facility	Annual									
100	Drum Gate Hinge Pins Replacements	Annual									
101	Squibs on 17 Generator CO2 Sys	Annual									
102	Station Service 250V Batteries	Annual									
103	Incline Tunnel Piping	Annual									
104	Life Safety (Emergency Lighting)	Annual									
105	Relay Protection	Annual									
106	Servo Motor (N7)	Annual									
107	SF6 Breaker Mods	Annual									
108	Slot Line Piping Repair	Annual									
109	Replace/Upgrade Microwave Telemetry System	Annual									
110	Phasor Measurement Unit (PMU) Installation at Mead Substation	Annual									
111	DC Panels (125/250V)	Annual									
112	Drum Gate Drain Hose Replacements	Annual									
113	Sump Pump - Lower Nevada	Annual									
114	Butterfly Valves Pumps/Bearings	Annual									
115	Drum Gate Seal Replacement	Annual									
116	HVAC (8th Floor)	Annual									
117	Lower Portal Tunel Lighting refurbishment	Annual									
118	Surge Arrestors	Annual									
119	Wickgate Replacements (Stainless)	Annual									
120	Station Service Transformers	Annual									
121	Potable Water/Fire Protection System Upgrade	Annual									
122	Hoover SCADA Upgrade and Plant Modernization	Annual									
123	Station Service Pelton Turbine Replacement	Annual									
124	Electrical Panel replacment	Annual									
125	Replace 2300 Volt Volt Switchgear	Annual									
126	Western Outyear Projects to be defined later	Annual									
127	Low Head Turbine Runner	Annual									
128	Basler (BE1-50BF) Relay Repayments at Mead Substation	Annual									
129	Redundant Hoover Dynamic Signal	Annual									
130	JEMII Meter Replacements	Annual									
131	Station Service Feeds Renovation (Mead)	Annual									
Total Replacements Cost Repayable to the U.S. Treasury			**4,724,736**	**2,376,942**	**4,710,140**	**3,796,906**	**5,884,561**	**6,458,083**	**7,189,285**	**5,274,512**	**3,720,973**
Total Replacements Cost Reported in PRS **			4,724,736*	2,376,942	5,143,434	3,591,038	7,536,153	6,693,055	7,861,229	3,709,606	3,720,973
Prior Year Adj. of Replacements Cost Reported in PRS					(433,294)	205,868	(1,651,592)	(234,972)	(671,944)	1,564,906	
Total Replacements Cost Reported in PRS including PY Adjustment			4,724,736*	2,376,942	4,710,140	3,796,906	5,884,561	6,458,083	7,189,285	5,274,512	3,720,973

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Historical Summary of Boulder Canyon Project Replacements
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Plus
Summary of Budgeted Boulder Canyon Project Replacements
For The Period October 1, 2011 Through September 30, 2021.

ITEM NO.	DESCRIPTION	FY 1997 $	FY 1998 $	FY 1999 $	FY 2000 $	FY 2001 $	FY 2002 $	FY 2003 $	FY 2004 $
99	Replace Wastewater Treatment Facility								
100	Drum Gate Hinge Pins Replacements								
101	Squibs on 17 Generator CO2 Sys								
102	Station Service 250V Batteries					71,200	37,379	(2,026)	
103	Incline Tunnel Piping					38,505	215,415	346	
104	Life Safety (Emergency Lighting)					31,154	33,660	275,710	
105	Relay Protection					73,252			
106	Servo Motor (N7)					6,708			
107	SF6 Breaker Mods						135,444		
108	Slot Line Piping Repair						47,065	267,418	
109	Replace/Upgrade Microwave Telemetry System								
110	Phasor Measurement Unit (PMU) Installation at Mead Substation								
111	DC Panels (125/250V)								
112	Drum Gate Drain Hose Replacements								
113	Sump Pump - Lower Nevada								
114	Butterfly Valves Pumps/Bearings								
115	Drum Gate Seal Replacement								
116	HVAC (8th Floor)								
117	Lower Portal Tunel Lighting refurbishment								
118	Surge Arrestors							17,150	
119	Wickgate Replacements (Stainless)								
120	Station Service Transformers								520,035
121	Potable Water/Fire Protection System Upgrade								
122	Hoover SCADA Upgrade and Plant Modernization								
123	Station Service Pelton Turbine Replacement								
124	Electrical Panel replacment								
125	Replace 2300 Volt Volt Switchgear								
126	Western Outyear Projects to be defined later								
127	Low Head Turbine Runner								
128	Basler (BE1-50BF) Relay Repayments at Mead Substation								
129	Redundant Hoover Dynamic Signal								
130	JEMII Meter Replacements								
131	Station Service Feeds Renovation (Mead)								
Total Replacements Cost Repayable to the U.S. Treasury		**4,704,124**	**3,867,101**	**3,019,357**	**1,671,787**	**2,589,019**	**2,953,867**	**2,676,743**	**2,920,484**
Total Replacements Cost Reported in PRS **		4,704,124	3,867,101	3,019,716*	1,667,009**	2,377,465*	2,886,712*	2,580,475*	2,937,415*
Prior Year Adj. of Replacements Cost Reported in PRS									
Total Replacements Cost Reported in PRS including PY Adjustment		4,704,124	3,867,101	3,019,716	1,667,009	2,377,465	2,886,712	2,580,475	2,937,415

Table 1- 2005-2021 Post BCPIA

Table 1
Historical Summary of Boulder Canyon Project Replacements
For the Period June 1, 1987 Through September 30, 2011.
Plus
Summary of Budgeted Boulder Canyon Project Replacements
For the Period October 1, 2011 Through September 30, 2021

ITEM NO.	DESCRIPTION	AMORT. CLASS	FY 2005 $	FY 2006 $	FY 2007 $	FY 2008 $	FY 2009 $	FY 2010 $	FY 2011 $	FY 2012 $	FY 2013 $
1	Hoover-Mead Consolidation	Multi-Yr									
2	River Telemetry Upgrade/Sutron	Annual									
3	P/P Piping Replacement	Annual									
4	Jet Flow Gates-Install/Design	Multi-Yr									
5	Station/Domestic Water Systems	Multi-Yr									
6	Cooling Water Eductor System	Annual	358,445	312,860	44	3,135	41	530			
7	Crane Modernization	Multi-Yr									
8	Thrust Bearing Cooler NV/AZ	Annual									
9	Unscheduled Powerplant Replacements	Annual									
10	Station Service Units-Recondition	Multi-Yr									
11	Station Service Air Compressors	Multi-Ann									
12	Jus System Upgrade	Multi-Yr									
13	Fire Alarm System	Multi-Yr									
14	Intake Emergency Generators	Multi-Yr									
15	Sewage Sludge Pumps	Multi-Yr									
16	Scheduled Communication Replacements	Annual	28,031	29,375							
17	Wicketgate Bushings/Wear Plate	Annual	146,349	123,018	635,873	343,221	182,040	547,517	209,173	567,000	80,000
18	Ground Switch - N4	Annual									
19	Scheduled Control System Replacements	Annual	192,379	167,817	13,650	40					
20	Upgrade Machine Shop Equipment	Multi-Yr									
21	Central Section Replacements	Multi-Yr									
22	Sewage Plant	Annual									
23	Life Safety Code/ADA Compliance	Annual	65,948	76,315							
24	Station Service Electrical	Multi-Yr									
25	Spare Unit Breaker	Multi-Yr									
26	Intake Gatehoist Starters	Annual									
27	Battery - Operated Forklifts	Annual									
28	Seal Rings - A3/A4	Annual									
29	Lighting Panels	Multi-Yr									
31	River Telemetry/MMI	Annual									
32	Paradox Gate Controls	Multi-Yr									
33	Butterfly Seals/Pivot Bearings	Annual									
34	Station Service Equipment	Multi-Yr									
35	General Piping Replacements	Annual									
36	2300V Station Service Cable	Annual									
37	Needle Valve Replacement Program	Multi-Yr									
38	460V Motor Control Centers	Multi-Yr									
39	Central Section Firelines	Multi-Yr									
40	Dam/Powerplant Elevator Controls/ElevatorMotor&Controller Replc	MultiYr-Ann									
41	AZ/NV Valvehouse Elevators	Multi-Yr									
42	Flowmeter Record/Monitor Equipment	Multi-Yr									
43	Pre-88 Expense Water Piping (SCE)	Annual									
44	Pre-88 Expense A6 Windings (SCE)	Annual									
45	Temperature Monitoring Equipment	Multi-Yr									
46	Auto Grease System	Multi-Yr									
47	AZ Valve House Water Supply	Multi-Yr									
48	Central Section Sump Pumps	Multi-Yr									
49	125-250V DC Battery Charge System	Annual									

Table 1
Historical Summary of Boulder Canyon Project Replacements
For the Period June 1, 1987 Through September 30, 2011.
Plus
Summary of Budgeted Boulder Canyon Project Replacements
For the Period October 1, 2011 Through September 30, 2021

ITEM NO.	DESCRIPTION	FY 2014 $	FY 2015 $	FY 2016 $	FY 2017 $	FY 2018 $	FY 2019 $	FY 2020 $	FY 2021 $
1	Hoover-Mead Consolidation								
2	River Telemetry Upgrade/Sutron								
3	P/P Piping Replacement								
4	Jet Flow Gates-Install/Design								
5	Station/Domestic Water Systems								
6	Cooling Water Eductor System								
7	Crane Modernization								
8	Thrust Bearing Cooler NV/AZ								
9	Unscheduled Powerplant Replacements								
10	Station Service Units-Recondition								
11	Station Service Air Compressors								
12	Jus System Upgrade								
13	Fire Alarm System								
14	Intake Emergency Generators								
15	Sewage Sludge Pumps								
16	Scheduled Communication Replacements								
17	Wicketgate Bushings/Wear Plate								
18	Ground Switch - N4								
19	Scheduled Control System Replacements								
20	Upgrade Machine Shop Equipment								
21	Central Section Replacements								
22	Sewage Plant								
23	Life Safety Code/ADA Compliance								
24	Station Service Electrical								
25	Spare Unit Breaker								
26	Intake Gatehoist Starters								
27	Battery - Operated Forklifts								
28	Seal Rings - A3/A4								
29	Lighting Panels								
31	River Telemetry/MMI								
32	Paradox Gate Controls								
33	Butterfly Seals/Pivot Bearings								
34	Station Service Equipment								
35	General Piping Replacements								
36	2300V Station Service Cable								
37	Needle Valve Replacement Program								
38	460V Motor Control Centers								
39	Central Section Firelines								
40	Dam/Powerplant Elevator Controls/ElevatorMotor&Controller Replc	870,000		953,000		1,280,000			1,280,000
41	AZ/NV Valvehouse Elevators								
42	Flowmeter Record/Monitor Equipment								
43	Pre-88 Expense Water Piping (SCE)								
44	Pre-88 Expense A6 Windings (SCE)								
45	Temperature Monitoring Equipment								
46	Auto Grease System								
47	AZ Valve House Water Supply								
48	Central Section Sump Pumps								
49	125-250V DC Battery Charge System								

Table 1
Historical Summary of Boulder Canyon Project Replacements
For the Period June 1, 1987 Through September 30, 2011.
Plus
Summary of Budgeted Boulder Canyon Project Replacements
For the Period October 1, 2011 Through September 30, 2021

ITEM NO.	DESCRIPTION	AMORT. CLASS	FY 2005 $	FY 2006 $	FY 2007 $	FY 2008 $	FY 2009 $	FY 2010 $	FY 2011 $	FY 2012 $	FY 2013 $
50	Fiber Optics Communications	Multi-Yr									
51	Central Section Ventilation	Ann-Multi									
52	Station Service Governors	Ann-Multi									
53	Unit CB's/N1-N7, A1-A2, 1B, SS	Multi-Yr									
54	M Distribution Board	Multi-Yr									
55	150-Ton Cableway Control Boards/Relays	Ann-Multi									
56	Penstock Tunnels-Lighting System	MultiYr-Ann	1,039,290	417,830			141	110	114		
57	Communications Upgrade	Multi-Yr									
58	Vacuum Purification Units	Multi-Yr									
59	Uninterruptible Power Supply	Annual									
60	4th Floor Unit Controls/NV	Multi-Yr									
61	4th Floor Unit Controls/AZ	Multi-Yr									
62	Telephone Switch	Multi-Yr									
63	Station Service Controls/Relays	Multi-Yr									
64	Station Service Compressors	Multi-Yr									
65	Dewater Eductors/Water Pumps	Annual									
66	Miscellaneous/Minor Equipment	Annual	35	3,082	23						
67	Sedans/Transportation Equipment (Rolling Stock)	Annual	22,004								
68	Unscheduled General Project Replacements	Annual		93,104	6,092						
69	Communications Test Equipment	Annual									
70	Controls System Test Equipment	Annual									
72	BC Water System Modifications	Annual									
73	Breakers/Timing Tester	Annual									
74	Machine Shop Mill	Multi-Yr									
75	Roof Drainage System	Annual									
76	Other Noncontract Replacement Expense	Annual									
77	Transformer Warranty Work	Multi-Yr									
78	Generator Coolers	Annual	20,608	133,220	9,151	211,753	30,958	114,227	258,514	317,000	326,000
79	Misc NC Expense Paint Shop	Annual									
80	Air Compressor	Annual									
81	Power Saw	Annual									
82	Lathe	Annual									
83	Fork Lift	Annual									
84	A9 Seal Rings	Annual									
85	Auto Synchronizer	Annual									
86	Butterfy (Rubber) Values (Seats and Seals (Reseating)	Annual	621,028	41,312		127,158	232,360	211,151	67,522		
87	DSWR Warehouse (Western) *	Annual									
88	Remove & Dispose of Bushings at Hoover 69kV Yard *	Annual			136,587						
89	Air Compressors Overhaul	Annual				8,054	369,311	223,224	207,201		
90	Batteries - UPS	Annual									
91	Emergency Compressor Repair	Annual									
92	Vibration Test/Correct A5/N7	Annual									
93	Replace Station Service Tie Brkr w/Bus	Annual									
94	Service Air System Replacement	Annual									
95	Spare Turbine Seal Rings	Annual	41,052	4,067	284,189	341,254	28,293	170,287	160,355	244,000	255,000
96	VHF Radios (Western) *	Annual	155	(46)							
97	Relay Replacements on Hoover-Mead Lines/Digital VaultRecorders *	Annual	50,381	135,752	257,935	272,460	157,203	225,723	283,146	100,000	
98	2300V Conduit & Power Cable (Warehouse) Replc	Annual									

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Historical Summary of Boulder Canyon Project Replacements
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Plus
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For the Period October 1, 2011 Through September 30, 2021

ITEM NO.	DESCRIPTION	FY 2014 $	FY 2015 $	FY 2016 $	FY 2017 $	FY 2018 $	FY 2019 $	FY 2020 $	FY 2021 $
50	Fiber Optics Communications								
51	Central Section Ventilation								
52	Station Service Governors								
53	Unit CB's/N1-N7, A1-A2, 1B, SS								
54	M Distribution Board								
55	150-Ton Cableway Control Boards/Relays								
56	Penstock Tunnels-Lighting System								
57	Communications Upgrade								
58	Vacuum Purification Units								
59	Uninterruptible Power Supply								
60	4th Floor Unit Controls/NV								
61	4th Floor Unit Controls/AZ								
62	Telephone Switch								
63	Station Service Controls/Relays								
64	Station Service Compressors								
65	Dewater Eductors/Water Pumps								
66	Miscellaneous/Minor Equipment								
67	Sedans/Transportation Equipment (Rolling Stock)								
68	Unscheduled General Project Replacements								
69	Communications Test Equipment								
70	Controls System Test Equipment								
72	BC Water System Modifications								
73	Breakers/Timing Tester								
74	Machine Shop Mill								
75	Roof Drainage System								
76	Other Noncontract Replacement Expense								
77	Transformer Warranty Work								
78	Generator Coolers	336,000	346,000	357,000	368,000	378,000	389,000	400,000	411,000
79	Misc NC Expense Paint Shop								
80	Air Compressor								
81	Power Saw								
82	Lathe								
83	Fork Lift								
84	A9 Seal Rings								
85	Auto Synchronizer								
86	Butterfy (Rubber) Values (Seats and Seals (Reseating)								
87	DSWR Warehouse (Western) *								
88	Remove & Dispose of Bushings at Hoover 69kV Yard *								
89	Air Compressors Overhaul								
90	Batteries - UPS								
91	Emergency Compressor Repair								
92	Vibration Test/Correct A5/N7								
93	Replace Station Service Tie Brkr w/Bus								
94	Service Air System Replacement								
95	Spare Turbine Seal Rings	269,000	281,000						
96	VHF Radios (Western) *								
97	Relay Replacements on Hoover-Mead Lines/Digital VaultRecorders *								
98	2300V Conduit & Power Cable (Warehouse) Replc	370,000							

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Historical Summary of Boulder Canyon Project Replacements
For the Period June 1, 1987 Through September 30, 2011.
Plus
Summary of Budgeted Boulder Canyon Project Replacements
For the Period October 1, 2011 Through September 30, 2021

ITEM NO.	DESCRIPTION	AMORT. CLASS	FY 2005 $	FY 2006 $	FY 2007 $	FY 2008 $	FY 2009 $	FY 2010 $	FY 2011 $	FY 2012 $	FY 2013 $
99	Replace Wastewater Treatment Facility	Annual									
100	Drum Gate Hinge Pins Replacements	Annual									
101	Squibs on 17 Generator CO2 Sys	Annual						195,007	55,447		
102	Station Service 250V Batteries	Annual									
103	Incline Tunnel Piping	Annual									
104	Life Safety (Emergency Lighting)	Annual						548			
105	Relay Protection	Annual									
106	Servo Motor (N7)	Annual									
107	SF6 Breaker Mods	Annual									
108	Slot Line Piping Repair	Annual									
109	Replace/Upgrade Microwave Telemetry System	Annual				635,587	(26,000)	131,825	524,475		
110	Phasor Measurement Unit (PMU) Installation at Mead Substation *	Annual				76,420					
111	DC Panels (125/250V)	Annual									
112	Drum Gate Drain Hose Replacements	Annual									
113	Sump Pump - Lower Nevada	Annual	542,339	770,322	124		1,283				
114	Butterfly Valves Pumps/Bearings	Annual				17,350					
115	Drum Gate Seal Replacement	Annual							23,148		
116	HVAC (8th Floor)	Annual				6,454	100,921	1,515	79		
117	Lower Portal Tunel Lighting refurbishment	Annual				101,976					
118	Surge Arrestors	Annual									
119	Wickgate Replacements (Stainless)	Annual	1,387,952	872,390	2,328,799	956,378	1,539,468	262,191	1,188,287	734,000	1,000,000
120	Station Service Transformers	Annual									
121	Potable Water/Fire Protection System Upgrade	Annual		138,192	139,937						
122	Hoover SCADA Upgrade and Plant/Unit Control Modernization	Annual		138,504	2,188,348	4,054,738	2,838,507	1,965,778	256,022		
123	Station Service Pelton Turbine Replacement	Annual							9,292	130,000	2,150,000
124	Electrical Panel replacement	Annual									400,000
125	Replace 2300 Volt Switchgear	Annual									
126	Western Outyear Projects to be defined later *	Annual									
127	Low Head Turbine Runner	Annual				10,838	18,566		1,624,123		
128	Basler (BE1-50BF) Relay Repayments at Mead Substation *	Annual				29,537		9,515	17,262	105,000	105,000
129	Redundant Hoover Dynamic Signal *	Annual							36,665		
130	JEMII Meter Replacements *	Annual						39,100	61		
131	Replace Deltec UPS Equipment	Annual									
132	RTU at Hoover - Western *	Annual									
133	Wide-Head Turbine CFD and Model Study	Annual						1,501,571		1,905,000	2,290,000
134	Hoover Unit 16/5 KV Generator Breaker	Annual					170,008	65,959	6,249		100,000
135	Microwave Radio	Annual							11,457		
136	Hand Held & Police Vehicle Radio	Annual							1,125		
137	Elevator Compensating Ropes	Annual									
138	PRV Modernization	Annual						768,539	316,530	1,252,000	1,328,000
139	Jumper Hardware repairs on Hoover-Mead #6 & #8 *	Annual					698,726		1,615		
140	Western Intergrated Network/Critical Infrastructure Protection(WIN/CIP) *	Annual					54,394	110,597	1,555		
141	Unit A8 Wide Head Turbine	Annual							30,792	3,150,000	800,000
142	Unit Station Service Transfer Bus Breakers	Annual						106	64,747	2,700,000	950,000
143	Control Center HVAC	Annual							9,550		
144	A2,A4, and A7 PRV Moderization	Ann-Multi								400,000	
145	Escalator Replacement	Annual									
146	Larus 5702 Microwave/Fiber Optic Switches Replacement	Annual								160,000	

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For the Period October 1, 2011 Through September 30, 2021

ITEM NO.	DESCRIPTION	FY 2014 $	FY 2015 $	FY 2016 $	FY 2017 $	FY 2018 $	FY 2019 $	FY 2020 $	FY 2021 $
99	Replace Wastewater Treatment Facility			100,000	2,700,000				
100	Drum Gate Hinge Pins Replacements					1,220,000			
101	Squibs on 17 Generator CO2 Sys								
102	Station Service 250V Batteries								
103	Incline Tunnel Piping								
104	Life Safety (Emergency Lighting)								
105	Relay Protection								
106	Servo Motor (N7)								
107	SF6 Breaker Mods								
108	Slot Line Piping Repair								
109	Replace/Upgrade Microwave Telemetry System								
110	Phasor Measurement Unit (PMU) Installation at Mead Substation *								
111	DC Panels (125/250V)								
112	Drum Gate Drain Hose Replacements	275,000							
113	Sump Pump - Lower Nevada								
114	Butterfly Valves Pumps/Bearings		220,000						
115	Drum Gate Seal Replacement								
116	HVAC (8th Floor)								
117	Lower Portal Tunel Lighting refurbishment								
118	Surge Arrestors								
119	Wickgate Replacements (Stainless)	773,000							
120	Station Service Transformers								
121	Potable Water/Fire Protection System Upgrade								
122	Hoover SCADA Upgrade and Plant/Unit Control Modernization								
123	Station Service Pelton Turbine Replacement								
124	Electrical Panel replacement	416,000							
125	Replace 2300 Volt Switchgear	150,000	2,300,000	2,300,000					
126	Western Outyear Projects to be defined later *	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000
127	Low Head Turbine Runner								
128	Basler (BE1-50BF) Relay Repayments at Mead Substation *								
129	Redundant Hoover Dynamic Signal *								
130	JEMII Meter Replacements *								
131	Replace Deltec UPS Equipment								
132	RTU at Hoover - Western *								
133	Wide-Head Turbine CFD and Model Study	3,500,000	2,600,000	1,000,000					
134	Hoover Unit 16/5 KV Generator Breaker	110,000	3,117,000	5,857,000	6,027,000	7,877,000	4,255,000		
135	Microwave Radio								
136	Hand Held & Police Vehicle Radio								
137	Elevator Compensating Ropes								
138	PRV Modernization	1,370,000	980,000	283,000					
139	Jumper Hardware repairs on Hoover-Mead #6 & #8 *								
140	Western Intergrated Network/Critical Infrastructure Protection(WIN/CIP) *								
141	Unit A8 Wide Head Turbine								
142	Unit Station Service Transfer Bus Breakers								
143	Control Center HVAC								
144	A2,A4, and A7 PRV Moderization						840,000	1,260,000	1,260,000
145	Escalator Replacement		570,000						
146	Larus 5702 Microwave/Fiber Optic Switches Replacement								

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Plus
Summary of Budgeted Boulder Canyon Project Replacements
For the Period October 1, 2011 Through September 30, 2021

ITEM NO.	DESCRIPTION	AMORT. CLASS	FY 2005 $	FY 2006 $	FY 2007 $	FY 2008 $	FY 2009 $	FY 2010 $	FY 2011 $	FY 2012 $	FY 2013 $
147	Chiller & Control System Replacement	Annual								560,000	
148	Hoover-Mead Erosion on T-Lines *	Annual								600,000	510,970
149	MOI Equipment Transfer *	Annual							31,214	30,000	
150	Channel Bank *	Annual								30,000	
151	Default Fault Recorders *	Annual									110,000
Total Replacements Cost Repayable to the U.S. Treasury			**4,515,996**	**3,457,113**	**6,000,752**	**7,196,353**	**6,396,220**	**6,545,020**	5,395,720	**12,984,000**	**10,404,970**
Total Replacements Cost Reported in PRS **			4,465,460*	3,081,498*	5,466,304*	6,817,934*	5,485,897*	7,482,000*	9,533,000*	12,119,000*	9,679,000*
*	**Western's Replacements**										
		Reclamation					5,485,897	6,160,085	5,024,202	12,119,000	9,679,000
		Western					910,323	384,935	371,518	865,000	725,970
							6,396,220	6,545,020	5,395,720	12,984,000	10,404,970

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Summary of Budgeted Boulder Canyon Project Replacements
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ITEM NO.	DESCRIPTION	FY 2014 $	FY 2015 $	FY 2016 $	FY 2017 $	FY 2018 $	FY 2019 $	FY 2020 $	FY 2021 $
147	Chiller & Control System Replacement								
148	Hoover-Mead Erosion on T-Lines *								
149	MOI Equipment Transfer *								
150	Channel Bank *								
151	Default Fault Recorders *								
Total Replacements Cost Repayable to the U.S. Treasury		8,839,000	10,814,000	11,250,000	9,495,000	11,155,000	5,884,000	2,060,000	3,351,000
Total Replacements Cost Reported in PRS **		8,439,000*	10,194,000*	10,850,000*	9,095,000*	10,755,000*	5,484,000*	1,660,000*	2,951,000*
*	**Western's Replacements**								
		8,439,000	10,414,000	10,850,000	9,095,000	10,755,000	5,484,000	1,660,000	2,951,000
		400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000
		8,839,000	10,814,000	11,250,000	9,495,000	11,155,000	5,884,000	2,060,000	3,351,000

Table 1 – Notes

Note: Column (1). The original Item No.'s were taken from the 1997 "Boulder Canyon Project Ten Year Operating Plan", Historical E&OC documents and Financial data.

This color is used to indicate Historical Years Actual Numbers.

This color was used to indicate numbers that were added or changed due to the 1998 10 Year Plan or the 1998 BCP PRS

Column (2). The AMORT. CLASS identifies the Replacement as either an Annual Year or a Multi-Year. A few Replacements are identified as Ann-Multi, which indicates that the replacement has been done more than once and at least one of the replacements was an Annual and at least one was a Multi-Year. Same concept used for the Multi-Annual items.

This color is used to indicate the current year (FY11) actuals numbers.

This color is used to indicate the budget numbers taken from the FY12 Final 10-Year Plan issued February 2011.

Item No. 30 Vibration Repair and **Item No. 71** Relay Test Equipment were removed in the FY 2000 Ten Year Operating Plan, since no money was ever spent on these items, they were removed to avoid any confusion. Table 1 was not renumbered to remain consistent with other tables. **Items 88,98,99,100,112,115,116,117** were changed to accomondate the FY 2008 new items on Table 1 since no money was ever spent in the past years on the old items.

* Starting in 1999 Western's replacements are being included in the calculation. Westerns replacements are not catorgized as replacements in the PRS. The difference between the Replacement costs to Treasury and the Replacement costs reported in the PRS is the inclusion of Western's Replacements. Another difference between the PRS and the cost to Treasury is the Bureau's "Regional Office Engineering Services" dollars are not included in the annual Advance calculation.

** This number does not match the Total Replacements Cost Repayable to the U.S. Treasury because it has not been modified to show the actual expenses.

Table 2 – 1988-1997

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 1988

(1) Fiscal Year	(2) Item Num.	(3) Replacement Description	(4) Replacemnt Expenditure	(5) 96% of Replacemnt Expenditure	(6) Current Interest Rate	(7) See Note Col (7) Annual IDC	(8) End of Period Expenditure	(9) Multi-Year Total For Amortization
1988	11	S S Air Comp	268,046	257,324	8.500%	10,936	268,260	
1989	11		61,570	59,107	8.500%	25,314	352,681	
1990	11		14,746	14,156	8.500%	30,580	397,417	
			344,362	330,587		66,830	397,417	
1991	11	Amort Start Yr						$397,417
1988	34	Stat Serv Equip	168,891	162,135	8.500%	6,891	169,026	
1989	34		38,062	36,540	8.500%	15,920	221,486	
			206,953	198,675		22,811	221,486	
1990	34	Amort Start Yr						$221,486
1988	37	Ndle Valve Repl	31,789	30,517	8.500%	1,297	31,814	
1989	37		47,197	45,309	8.500%	4,630	81,753	
1990	37		379,212	364,044	8.500%	22,421	468,218	
1991	37		1,936,298	1,858,846	8.500%	118,799	2,445,863	
1992	37		454,350	436,176	8.500%	226,436	3,108,475	
1993	37		4,034	3,873	8.500%	264,385	3,376,733	
			2,852,880	2,738,765		637,968	3,376,733	
1994	37	Amort Start Yr						$3,376,733
1988	38	460V Mtr Cntl	190,250	182,640	8.500%	7,762	190,402	
1989	38		5,149	4,943	8.500%	16,394	211,739	
			195,399	187,583		24,156	211,739	
1990	38	Amort Start Yr						$211,739

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 1989

(1) Fiscal Year	(2) Item Num.	(3) Replacement Description	(4) Replacemnt Expenditure	(5) 96% of Replacemnt Expenditure	(6) Current Interest Rate	(7) See Note Col (7) Annual IDC	(8) End of Period Expenditure	(9) Multi-Year Total For Amortization
1989	1	Hvr-Mead Csld	758,109	727,785	9.250%	33,660	761,445	
1990	1		3,433,253	3,295,923	9.250%	222,870	4,280,238	
1991	1		482,973	463,654	9.250%	417,366	5,161,258	
1992	1		1,361,537	1,307,076	9.250%	537,869	7,006,203	
1993	1		2,018,337	1,937,604	9.250%	737,688	9,681,495	
1994	1		2,952,402	2,834,306	9.250%	1,026,625	13,542,426	
1995	1		499,202	479,234	9.250%	1,274,839	15,296,499	
1996	1		57,274	54,983	9.250%	1,417,469	16,768,951	
			11,563,087	11,100,565		5,668,386	16,768,951	
1997	1	Amort Start Yr						$16,768,951
1989	5	Water Sys	35,770	34,339	9.250%	1,588	35,927	
1990	5		1,916	1,839	9.250%	3,408	41,174	
1991	5		113,998	109,438	9.250%	8,870	159,482	
1992	5		127,573	122,470	9.250%	20,416	302,368	
1993	5		1,034,419	993,042	9.250%	73,897	1,369,307	
1994	5		432,474	415,175	9.250%	145,863	1,930,345	
1995	5		104,900	100,704	9.250%	183,214	2,214,263	
			1,851,050	1,777,007		437,256	2,214,263	
1996	5	Amort Start Yr						$2,214,263

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 1988

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
1988	39	Ctrl Sct Fireln	276,879	265,804	8.500%	11,297	277,101	
1989	39		45,965	44,126	8.500%	25,429	346,656	
			322,844	309,930		36,726	346,656	
1990	39	Amort Start Yr						$346,656
1988	40	Elev Control	613,879	589,324	8.500%	25,046	614,370	
1989	40		77,665	74,558	8.500%	55,390	744,318	
			691,544	663,882		80,436	744,318	
1990	40	Amort Start Yr						$744,318
1988	41	AZ/NV Elevatrs	247,645	237,739	8.500%	10,104	247,843	
1989	41		336,495	323,035	8.500%	34,796	605,674	
1990	41		96,290	92,438	8.500%	55,411	753,523	
			680,430	653,212		100,311	753,523	
1991	41	Amort Start Yr						$753,523
1988	42	Flowmeter Eq	145,763	139,932	8.500%	5,947	145,879	
1989	42		283	272	8.500%	12,411	158,562	
			146,046	140,204		18,358	158,562	
1990	42	Amort Start Yr						$158,562
1988	45	Temp Equip	353,769	339,618	8.500%	14,434	354,052	
1989	45		105,562	101,340	8.500%	34,401	489,793	
			459,331	440,958		48,835	489,793	
1990	45	Amort Start Yr						$489,793
1988	46	Auto Grs Sys	47,695	45,787	8.500%	1,946	47,733	
1989	46		11,665	11,198	8.500%	4,533	63,464	
			59,360	56,985		6,479	63,464	
1990	46	Amort Start Yr						$63,464

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 1988

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
1988	47	AZ Water Sply	212,470	203,971	8.500%	8,669	212,640	
1989	47		53,404	51,268	8.500%	20,253	284,161	
			265,874	255,239		28,922	284,161	
1990	47	Amort Start Yr						$284,161
1988	48	Sump Pumps	240,952	231,314	8.500%	9,831	241,145	
1989	48		28,479	27,340	8.500%	21,659	290,144	
			269,431	258,654		31,490	290,144	
1990	48	Amort Start Yr						$290,144
1988	50	Fiber Optics	98,136	94,211	8.500%	4,004	98,215	
1989	50		226,454	217,396	8.500%	17,588	333,199	
1990	50		89,557	85,975	8.500%	31,976	451,150	
			414,147	397,582		53,568	451,150	
1991	50	Amort Start Yr						$451,150
1988	53	CB/N1-7 A1-2	10,997	10,557	8.500%	449	11,006	
1989	53		50,761	48,731	8.500%	3,007	62,744	
			61,758	59,288		3,456	62,744	
1990	53	Amort Start Yr						$62,744

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 1990

(1) Fiscal Year	(2) Item Num.	(3) Replacement Description	(4) Replacemnt Expenditure	(5) 96% of Replacemnt Expenditure	(6) Current Interest Rate	(7) See Note Col (7) Annual IDC	(8) End of Period Expenditure	(9) Multi-Year Total For Amortization
1990	10	Stat Serv Units	29,594	28,410	8.875%	1,261	29,671	
1991	10		5,491	5,271	8.875%	2,867	37,809	
1992	10		179	172	8.875%	3,363	41,344	
1993	10		71,389	68,533	8.875%	6,710	116,587	
1994	10		851,321	817,268	8.875%	46,613	980,468	
1995	10		1,215,620	1,166,995	8.875%	138,802	2,286,265	
1996	10		360,235	345,826	8.875%	218,252	2,850,343	
			2,533,829	2,432,475		417,868	2,850,343	
1997	10	Amort Start Yr						$2,850,343
1990	54	M Dist Board	419	402	8.875%	18	420	
1991	54		942,160	904,474	8.875%	40,173	945,067	
1992	54		687,861	660,347	8.875%	113,178	1,718,592	
			1,630,440	1,565,223		153,369	1,718,592	
1993	54	Amort Start Yr						$1,718,592
1990	56	Penstk Lgt Sys	36	35	8.875%	2	37	
1991	56		63,096	60,572	8.875%	2,691	63,300	
1992	56		172,089	165,205	8.875%	12,949	241,454	
1993	56		17,086	16,403	8.875%	22,157	280,014	
1994	56		55	53	8.875%	24,854	304,921	
			252,362	242,268		62,653	304,921	
1995	56	Amort Start Yr						$304,921

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 1991

(1) Fiscal Year	(2) Item Num.	(3) Replacement Description	(4) Replacemnt Expenditure	(5) 96% of Replacemnt Expenditure	(6) Current Interest Rate	(7) See Note Col (7) Annual IDC	(8) End of Period Expenditure	(9) Multi-Year Total For Amortization
1991	52	Stat Serv Govs	2,207	2,119	8.750%	93	2,212	
1992	52		407,788	391,476	8.750%	17,321	411,009	
			409,995	393,595		17,414	411,009	
1993	52	Amort Start Yr						$411,009
1991	55	150T Cblwy Ctrl	69,041	66,279	8.750%	2,900	69,179	
1992	55		667,923	641,206	8.750%	34,106	744,491	
1993	55		110,590	106,166	8.750%	69,788	920,445	
1994	55		305	293	8.750%	80,552	1,001,290	
			847,859	813,944		187,346	1,001,290	
1995	55	Amort Start Yr						$1,001,290

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 1992

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
1992	4	Jet Flow Gates	109,273	104,902	8.500%	4,458	109,360	
1993	4		71,399	68,543	8.500%	12,209	190,112	
1994	4		24,301	23,329	8.500%	17,151	230,592	
1995	4		934,294	896,922	8.500%	57,720	1,185,234	
1996	4		203,274	195,143	8.500%	109,038	1,489,415	
1997	4		681,007	653,767	8.500%	154,385	2,297,567	
1998	4		1,801,733	1,729,664	8.500%	268,804	4,296,035	
1999	4		23,946	22,988	8.500%	366,140	4,685,163	
			3,849,227	3,695,258		989,905	4,685,163	
2000	4	Amort Start Yr						$4,685,163
1992	51	Cntl Ventilation	59,188	56,820	8.500%	2,415	59,235	
1993	51		1,285,442	1,234,024	8.500%	57,481	1,350,740	
1994	51		79,483	76,304	8.500%	118,056	1,545,100	
			1,424,113	1,367,148		177,952	1,545,100	
1995	51	Amort Start Yr						$1,545,100
1992	57	Comm Upgrade	985,207	945,799	8.500%	40,196	985,995	
1993	57		85,088	81,684	8.500%	87,281	1,154,960	
			1,070,295	1,027,483		127,477	1,154,960	
1994	57	Amort Start Yr						$1,154,960
1992	58	Vac Purif Units	2,147	2,061	8.500%	88	2,149	
1993	58		8,858	8,504	8.500%	544	11,197	
			11,005	10,565		632	11,197	
1994	58	Amort Start Yr						$11,197

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 1993

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
1993	7	Crane Modrnztn	92,519	88,818	7.875%	3,497	92,315	
1994	7		287,216	275,727	7.875%	18,127	386,169	
1995	7		157,774	151,463	7.875%	36,375	574,007	
1996	7		4,623	4,438	7.875%	45,378	623,823	
1997	7		23,629	22,684	7.875%	50,019	696,526	
1998	7		1,789	1,717	7.875%	54,919	753,162	
2000	7		1,005	965	7.875%	59,350	813,477	
			568,555	545,812		267,665	813,477	
2001	7	Amort Start Yr						$813,477
1993	24	Stat Serv Ele	42,135	40,450	7.875%	1,593	42,043	
1994	24		249	239	7.875%	3,320	45,602	
1995	24		867	832	7.875%	3,624	50,058	
			43,251	41,521		8,537	50,058	
1996	24	Amort Start Yr						$50,058
1993	62	Telephone Sw	317,984	305,265	7.875%	12,020	317,285	
1994	62		35,609	34,185	7.875%	26,332	377,802	
			353,593	339,450		38,352	377,802	
1995	62	Amort Start Yr						$377,802
1993	63	Stat Serv Cont	223,442	214,504	7.875%	8,446	222,950	
1994	63		601	577	7.875%	17,580	241,107	
			224,043	215,081		26,026	241,107	
1995	63	Amort Start Yr						$241,107

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 1992

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
1992	60	NV 4th Flr Cont	71,592	68,728	8.500%	2,921	71,649	
1993	60		115,321	110,708	8.500%	10,795	193,152	
			186,913	179,436		13,716	193,152	
1994	60	Amort Start Yr						$193,152
1992	61	AZ 4th Flr Cont	130,920	125,683	8.500%	5,342	131,025	
1993	61		105,203	100,995	8.500%	15,429	247,449	
			236,123	226,678		20,771	247,449	
1994	61	Amort Start Yr						$247,449
1992	74	Mach Shop Mill	43,676	41,929	8.500%	1,782	43,711	
1993	74		722	693	8.500%	3,745	48,149	
			44,398	42,622		5,527	48,149	
1994	74	Amort Start Yr						$48,149

(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 1994

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
1994	13	Fire Alarm Sys	26,495	25,435	7.125%	906	26,341	
1995	13		15,756	15,126	7.125%	2,416	43,883	
1996	13		75,280	72,269	7.125%	5,701	121,853	
1997	13		484,118	464,753	7.125%	25,239	611,845	
1998	13		16,401	15,745	7.125%	44,155	671,745	
			618,050	593,328		78,417	671,745	
1999	13	Amort Start Yr						$671,745
1994	29	Lighting Panels	2,221	2,132	7.125%	76	2,208	
1995	29		5,404	5,188	7.125%	342	7,738	
			7,625	7,320		418	7,738	
1996	29	Amort Start Yr						$7,738
1994	32	Pardx Gate Cnt	4,987	4,788	7.125%	171	4,959	
1995	32		48,619	46,674	7.125%	2,016	53,649	
			53,606	51,462		2,187	53,649	
1996	32	Amort Start Yr						$53,649
1994	64	Stat Serv Comp	30,664	29,437	7.125%	1,049	30,486	
1995	64		775,767	744,736	7.125%	28,703	803,925	
			806,431	774,173		29,752	803,925	
1996	64	Amort Start Yr						$803,925

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 1995

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
1995	12	Jus Sys Upgrd	173,817	166,864	7.250%	6,049	172,913	
1996	12		550,971	528,932	7.250%	31,710	733,555	
1997	12		469,855	451,061	7.250%	69,534	1,254,150	
			1,194,643	1,146,857		107,293	1,254,150	
1998	12	Amort Start Yr						$1,254,150
1995	14	Intake Emg Gen	329,182	316,015	7.250%	11,456	327,471	
1996	14		58,354	56,020	7.250%	25,772	409,263	
1997	14		345,696	331,868	7.250%	41,702	782,833	
1998	14		84,047	80,685	7.250%	59,680	923,198	
1999	14		13,293	12,761	7.250%	67,394	1,003,353	
			830,572	797,349		206,004	1,003,353	
2000	14	Amort Start Yr						$1,003,353
1995	20	Mach Shop Eq	571	548	7.250%	20	568	
1996	20		412,312	395,820	7.250%	14,390	410,778	
1997	20		389,403	373,827	7.250%	43,333	827,938	
			802,286	770,195		57,743	827,938	
1998	20	Amort Start Yr						$827,938

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 1996

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
1996	15	Sewage sldge pmp	80,300	77,088	7.625%	2,939	80,027	
1997	15		25,533	24,512	7.625%	7,037	111,576	
			105,833	101,600		9,976	111,576	
1998	15	Amort Start Yr						$111,576

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 1997

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
1997	77	Trans Warnty Wk	331,953	318,675	6.875%	10,954	329,629	
1998	77		100,000	96,000	6.875%	25,962	451,591	
			431,953	414,675		36,916	451,591	
1999	77	Amort Start Yr						$451,591

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

Notes:

Col. (1) This column provides the beginning and final year for each Multi-Year replacement activity. This column also identifies the year amortization of the replacement expense will begin, as set forth in Section 6.3 (b) of the Boulder Canyon Project Implementation Agreement.

Col. (2) Provides the Item Number from Table # 1 that corresponds to the specific replacement activity provided in the Budget & Historic Schedule.

Col. (3) Provides an abbreviated description of the replacement activity as shown in Table # 1.

Col. (4) Displays the yearly "Replacement Expenditure" amount provided by the Contractors during each multi-year replacement activity.

Col. (5) Displays 96% of the Replacement Expenditures as specified in Section 6.2.1, of the Boulder Canyon Project Implementation Agreement, "Replacement Capital Advance", which provides in part that " . . . Ninety-six percent (96%) of the sum of the amounts so expensed . . . for replacement items not placed in service in the year such expenditures are made . . ."

Col. (6) Displays the current interest rate for each Fiscal Year, as determined in accordance with DOE Order R.A. 6120.2.

Col. (7) Calculates the Interest During Construction (IDC). The calculation of IDC is based on the twelve month period beginning October 1, and ending September 30, of the following IDC is the product of column 5 and 6 multiplied by half an annual interest period plus the product of the previous years amount, if any, in column 8 and 6.
Example: (257,324 * 8.5% * 0.5) =10,936
(268,260 * 8.5%) + (59,107 * 8.5% * 0.5) = 25,314

Col. (8) The "End of Period Expenditure" displayed in this column provides an accumulation of the sum of columns (5) and (7).

Col. (9) The "Multi-Year Total For Amortization" column provides for each replacement activity the total amount, indusive of IDC, that is to be amortized. This amount along with the amortization starting year from column (1) are provided as input to Table # 4.

Table 2 – 1998-2007

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 1998

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
1998	21	Central Sec. Rep.	102,710	98,602	6.875%	3,389	101,991	
1999	21		922,843	885,929	6.875%	37,466	1,025,386	
2000	21		122,739	117,829	6.875%	74,546	1,217,761	
			1,148,292	1,102,360		115,401	1,217,761	
2001	21	Amort Start Yr						$1,217,761
1998	25	Spare Unit Breakr	14,226	13,657	6.875%	469	14,126	
1999	25		14,725	14,136	6.875%	1,457	29,719	
2000	25		236,557	227,095	6.875%	9,850	266,664	
2001	25		12,744	12,234	6.875%	18,754	297,652	
2002	25		2,644	2,538	6.875%	20,551	320,741	
			280,896	269,660		51,081	320,741	
2003	25	Amort Start Yr						$320,741

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 1999

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
				0	6.000%	0	0	
				0	6.000%	0	0	
			0	0		0	0	
		No Mutiple year Projects are projected for this start year at this time						$0

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2000

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
				0	5.750%	0	0	
				0	5.750%	0	0	
			0	0		0	0	

No Mutiple year Projects are projected for this start year at this time $0

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2001

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
				0	6.250%	0	0	
				0	6.250%	0	0	
			0	0		0	0	

No Mutiple year Projects are projected for this start year at this time $0

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2002

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
				0	5.625%	0	0	
				0	5.625%	0	0	
			0	0		0	0	

No Mutiple year Projects are projected for this start year at this time $0

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2003

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
				0	5.477%	0	0	
				0	5.477%	0	0	
			0	0		0	0	

No Mutiple year Projects are projected for this start year at this time $0

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2004

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
				0	4.893%	0	0	
				0	4.893%	0	0	
			0	0		0	0	

No Mutiple year Projects are projected for this start year at this time $0

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2005

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
				0	5.125%	0	0	
				0	5.125%	0	0	
			0	0		0	0	

No Mutiple year Projects are projected for this start year at this time $0

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2006

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
					4.875%	0	0	
					4.875%	0	0	
			0	0		0	0	

No Mutiple year Projects are projected for this start year at this time $0

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2007

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
				0	4.875%	0	0	
				0	4.875%	0	0	
			0	0		0	0	

No Mutiple year Projects are projected for this start year at this time $0

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

Notes:

Col. (1) This column provides the beginning and final year for each Multi-Year replacement activity. This column also identifies the year amortization of the replacement expense will begin, as set forth in Section 6.3 (b) of the Boulder Canyon Project Implementation Agreement.

Col. (2) Provides the Item Number from Table # 1 that corresponds to the specific replacement activity provided in the Budget & Historic Schedule.

Col. (3) Provides an abbreviated description of the replacement activity as shown in Table # 1.

Col. (4) Displays the yearly "Replacement Expenditure" amount provided by the Contractors during each multi-year replacement activity.

Col. (5) Displays 96% of Replacement Expenditures as specified in Section 6.2.1, of the Boulder Canyon Project Implementation Agreement, "Replacement Capital Advance", which provides in part that " . . . Ninety-six percent (96%) of the sum of the amounts so expensed . . . for replacement items not placed in service in the year such expenditures are made . . ."

Col. (6) Displays the current interest rate for each Fiscal Year, as determined in accordance with DOE Order R.A. 6120.2.

Col. (7) Calculates the Interest During Construction (IDC). The calculation of IDC is based on the twelve month period beginning October 1, and ending September 30, of the following IDC is the product of column 5 and 6 multiplied by half an annual interest period plus the product of the previous years amount, if any, in column 8 and 6.

Example: (257,324 * 8.5% * 0.5) =10,936
(268,260 * 8.5%) + (59,107 * 8.5% * 0.5) = 25,314

Col. (8) The "End of Period Expenditure" displayed in this column provides an accumulation of the sum of columns (5) and (7).

Col. (9) The "Multi-Year Total For Amortization" column provides for each replacement activity the total amount, inclusive of IDC, that is to be amortized. This amount along with the amortization starting year from column (1) are provided as input to Table # 4.

Table 2 – 2008-2017

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2008

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
					4.500%	0	0	
			---	---		---		
			0	0		0	0	

No Mutiple year Projects are projected for this start year at this time $0

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2009

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
				0	4.500%	0	0	
			---	---		---		
			0	0		0	0	

No Mutiple year Projects are projected for this start year at this time $0

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2010

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
				0	4.000%	0	0	
			---	---		---		
			0	0		0	0	
	No Mutiple year Projects are projected for this start year at this time							$0

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2011

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
				0	4.162%	0	0	
			---	---		---		
			0	0		0	0	
	No Mutiple year Projects are projected for this start year at this time							$0

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2012

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
				0	4.162%	0	0	

No Mutiple year Projects are projected for this start year at this time $0

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2013

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
				0	4.162%	0	0	
			---	---		---		
			0	0		0	0	

No Mutiple year Projects are projected for this start year at this time $0

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2014

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
				0	4.162%	0	0	
			---	---		---		
			0	0		0	0	

No Mutiple year Projects are projected for this start year at this time $0

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2015

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
				0	4.162%	0	0	
			---	---		---		
			0	0		0	0	

No Mutiple year Projects are projected for this start year at this time $0

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
				0	4.162%	0	0	
			---	---		---		
			0	0		0	0	

No Mutiple year Projects are projected for this start year at this time $0

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
				0	4.162%	0	0	
			---	---		---		
			0	0		0	0	

No Mutiple year Projects are projected for this start year at this time $0

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

Notes:

Col. (1) This column provides the beginning and final year for each Multi-Year replacement activity. This column also identifies the year amortization of the replacement expense will begin, as set forth in Section 6.3 (b) of the Boulder Canyon Project Implementation Agreement.

Col. (2) Provides the Item Number from Table # 1 that corresponds to the specific replacement activity provided in the Budget & Historic Schedule.

Col. (3) Provides an abbreviated description of the replacement activity as shown in Table # 1.

Col. (4) Displays the yearly "Replacement Expenditure" amount provided by the Contractors during each multi-year replacement activity.

"Replacement Capital Advance", which provides in part that " . . . Ninety-six percent (96%) of the sum of the amounts so expensed . . . for replacement items not placed in service in the year such expenditures are made . . ."

Col. (7) Calculates the Interest During Construction (IDC). The calculation of IDC is based on the twelve month period beginning October 1, and ending September 30, of the following

IDC is the product of column 5 and 6 multiplied by half an annual interest period plus the product of the previous years amount, if any, in column 8 and 6.
Example: (257,324 * 8.5% * 0.5) =10,936
(268,260 * 8.5%) + (59,107 * 8.5% * 0.5) = 25,314

Col. (8) The "End of Period Expenditure" displayed in this column provides an accumulation of the sum of columns (5) and (7).

Col. (9) The "Multi-Year Total For Amortization" column provides for each replacement activity the total amount, indusive of IDC, that is to be amortized. This amount along with the amortization starting year from column (1) are provided as input to Table # 4.

Table 2 – 2018-2021

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2018

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacemen Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
					4.162%	0	0	
			0	0		0	0	
No Mutiple year Projects are projected for this start year at this time								$0

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2019

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
2019	144	A2,A4,A7 PRV	840,000	806,400	4.162%	16,781	823,181	
2020	144		1,260,000	1,209,600	4.162%	25,172	1,234,772	
2021	144		1,260,000	1,209,600	4.162%	25,172	1,234,772	
			3,360,000	3,225,600		67,125	3,292,725	
2022	144	Amort Start Yr						$3,292,725

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2020

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
				0	4.162%	0	0	
			---	---		---		
			0	0		0	0	
	No Mutiple year Projects are projected for this start year at this time							$0

MULTI-YEAR REPLACEMENTS W/IDC; STARTING YEAR = 2021

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Fiscal Year	Item Num.	Replacement Description	Replacemnt Expenditure	96% of Replacemnt Expenditure	Current Interest Rate	See Note Col (7) Annual IDC	End of Period Expenditure	Multi-Year Total For Amortization
				0	4.162%	0	0	
			---	---		---		
			0	0		0	0	
	No Mutiple year Projects are projected for this start year at this time							$0

Table # 2
(Replaces Table A.2.3 in Appendix A)
Calculation of Interest During Construction (IDC)
for Replacements not Placed in Service in the
Fiscal Year Expenditure is made

Notes:

Col. (1) This column provides the beginning and final year for each Multi-Year replacement activity. This column also identifies the year amortization of the replacement expense will begin, as set forth in Section 6.3 (b) of the Boulder Canyon Project Implementation Agreement.

Col. (2) Provides the Item Number from Table # 1 that corresponds to the specific replacement activity provided in the Budget & Historic Schedule.

Col. (3) Provides an abbreviated description of the replacement activity as shown in Table # 1.

Col. (4) Displays the yearly "Replacement Expenditure" amount provided by the Contractors during each multi-year replacement activity.

"Replacement Capital Advance", which provides in part that " . . . Ninety-six percent (96%) of the sum of the amounts so expensed . . . for replacement items not placed in service in the year such expenditures are made . . ."

Col. (7) Calculates the Interest During Construction (IDC). The calculation of IDC is based on the twelve month period beginning October 1, and ending September 30, of the following year.

IDC is the product of column 5 and 6 multiplied by half an annual interest period plus the product of the previous years amount, if any, in column 8 and 6.
Example: (257,324 * 8.5% * 0.5) =10,936
(268,260 * 8.5%) + (59,107 * 8.5% * 0.5) = 25,314

Col. (8) The "End of Period Expenditure" displayed in this column provides an accumulation of the sum of columns (5) and (7).

Col. (9) The "Multi-Year Total For Amortization" column provides for each replacement activity the total amount, inclusive of IDC, that is to be amortized. This amount along with the amortization starting year from column (1) are provided as input to Table # 4.

Table 3 – 1988-2021

Table # 3
Replacements Placed in Service in the
Same Fiscal Year Expenditure is made

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 1988

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
1988	35	General Piping Replacements	18,649	17,903	17,903
1988	36	2300V Station Service Cable	168,693	161,945	179,848
1988	43	Pre-88 Expense Water Piping (SCE)	403,501	387,361	567,209
1988	44	Pre-88 Expense A6 Windings (SCE)	98,835	94,882	662,091
1988	49	125-250V DC Battery Charge System	371,186	356,339	1,018,430
1988	51	Central Section Ventilation	973	934	1,019,364
1988	66	Miscellaneous/Minor Equipment	142,516	136,815	1,156,179
1988	67	Sedans/Transportation Equipment (Rolling Stock)	72,919	70,002	1,226,181
1988	72	BC Water System Modifications	138,220	132,691	1,358,872
1988	75	Roof Drainage System	43,155	41,429	1,400,301
1988	76	Other Noncontract Replacement Expense	202,568	194,465	1,594,766
1988	79	Misc NC Expense Paint Shop	14,846	14,252	1,609,018
1988	80	Air Compressor	2,760	2,650	1,611,668
1988	81	Power Saw	13,642	13,096	1,624,764
1988	82	Lathe	80,997	77,757	1,702,521
1988	83	Fork Lift	44,115	42,350	1,744,871
1989		Annual Amort Start Year Total			$1,744,871

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 1989

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
1989	31	River Telemetry/MMI	628	603	603
1989	52	Station Service Governors	25,040	24,038	24,641
1989	55	150-Ton Cableway Control Boards/Relays	65,048	62,446	87,087
1989	66	Miscellaneous/Minor Equipment	203,260	195,130	282,217
1989	67	Sedans/Transportation Equipment (Rolling Stock)	195,972	188,133	470,350
1989	72	BC Water System Modifications	4,404	4,228	474,578
1990		Annual Amort Start Year Total			$474,578

Table # 3
Replacements Placed in Service in the
Same Fiscal Year Expenditure is made

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 1990

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
1990	2	River Telemetry Upgrade/Sutron	313,083	300,560	300,560
1990	9	Unscheduled Powerplant Replacements	331,455	318,197	618,757
1990	31	River Telemetry/MMI	19,037	18,276	637,033
1990	51	Central Section Ventilation	1,542	1,480	638,513
1991		Annual Amort Start Year Total			$638,513

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 1991

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
1991	2	River Telemetry Upgrade/Sutron	255,317	245,104	245,104
1991	9	Unscheduled Powerplant Replacements	(228,839)	(219,685)	25,419
1991	31	River Telemetry/MMI	50,133	48,128	73,547
1991	66	Miscellaneous/Minor Equipment	15,031	14,430	87,977
1991	67	Sedans/Transportation Equipment (Rolling Stock)	60,000	57,600	145,577
1991	73	Breakers/Timing Tester	30,000	28,800	174,377
1992		Annual Amort Start Year Total			$174,377

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 1992

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
1992	2	River Telemetry Upgrade/Sutron	52,412	50,316	50,316
1992	3	P/P Piping Replacement	40,623	38,998	89,314
1992	6	Cooling Water Eductor System	46,301	44,449	133,763
1992	9	Unscheduled Powerplant Replacements	96,178	92,331	226,094
1992	31	River Telemetry/MMI	25,394	24,378	250,472
1992	59	Uninterruptible Power Supply	218,394	209,658	460,130
1992	66	Miscellaneous/Minor Equipment	32,668	31,361	491,491
1992	67	Sedans/Transportation Equipment (Rolling Stock)	91,288	87,636	579,127
1993		Annual Amort Start Year Total			$579,127

Table # 3
Replacements Placed in Service in the
Same Fiscal Year Expenditure is made

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 1993

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
1993	2	River Telemetry Upgrade/Sutron	217,691	208,983	208,983
1993	3	P/P Piping Replacement	249,923	239,926	448,909
1993	6	Cooling Water Eductor System	58,594	56,250	505,159
1993	8	Thrust Bearing Cooler NV/AZ	3,071	2,948	508,107
1993	9	Unscheduled Powerplant Replacements	180,705	173,477	681,584
1993	31	River Telemetry/MMI	2,025	1,944	683,528
1993	66	Miscellaneous/Minor Equipment	33,703	32,355	715,883
1993	67	Sedans/Transportation Equipment (Rolling Stock)	108,403	104,067	819,950
1994		Annual Amort Start Year Total			$819,950

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 1994

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
1994	2	River Telemetry Upgrade/Sutron	142,969	137,250	137,250
1994	3	P/P Piping Replacement	214,208	205,640	342,890
1994	6	Cooling Water Eductor System	696,195	668,347	1,011,237
1994	8	Thrust Bearing Cooler NV/AZ	105,545	101,323	1,112,560
1994	9	Unscheduled Powerplant Replacements	847,127	813,242	1,925,802
1994	31	River Telemetry/MMI	103,488	99,348	2,025,150
1994	65	Dewater Eductors/Water Pumps	4,970	4,771	2,029,921
1994	66	Miscellaneous/Minor Equipment	127,056	121,974	2,151,895
1994	67	Sedans/Transportation Equipment (Rolling Stock)	105,800	101,568	2,253,463
1994	68	Unscheduled General Project Replacements	2,428	2,331	2,255,794
1994	69	Communications Test Equipment	104,958	100,760	2,356,554
1994	70	Controls System Test Equipment	6,158	5,912	2,362,466
1995		Annual Amort Start Year Total			$2,362,466

Table # 3
Replacements Placed in Service in the
Same Fiscal Year Expenditure is made

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 1995

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
1995	2	River Telemetry Upgrade/Sutron	39,189	37,621	37,621
1995	3	P/P Piping Replacement	212,840	204,326	241,947
1995	6	Cooling Water Eductor System	16,932	16,255	258,202
1995	8	Thrust Bearing Cooler NV/AZ	2,213	2,124	260,326
1995	9	Unscheduled Powerplant Replacements	556,462	534,204	794,530
1995	31	River Telemetry/MMI	20,785	19,954	814,484
1995	33	Butterfly Seals/Pivot Bearings	9,737	9,348	823,832
1995	67	Sedans/Transportation Equipment (Rolling Stock)	58,996	56,636	880,468
1995	69	Communications Test Equipment	86,838	83,364	963,832
1995	70	Controls System Test Equipment	8,747	8,397	972,229
1996		Annual Amort Start Year Total			$972,229

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 1996

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
1996	2	River Telemetry Upgrade/Sutron	31,340	30,086	30,086
1996	3	P/P Piping Replacement	158,184	151,857	181,943
1996	6	Cooling Water Eductor System	241,717	232,048	413,991
1996	8	Thrust Bearing Cooler NV/AZ	36,976	35,497	449,488
1996	9	Unscheduled Powerplant Replacements	621,686	596,819	1,046,307
1996	11	Station Service Air Compressors	3,800	3,648	1,049,955
1996	16	Scheduled Communication Replacements	288,676	277,129	1,327,084
1996	18	Ground Switch - N4	4,369	4,194	1,331,278
1996	19	Scheduled Control System Replacements	324,242	311,272	1,642,550
1996	66	Miscellaneous/Minor Equipment	129,370	124,195	1,766,745
1996	67	Sedans/Transportation Equipment (Rolling Stock)	46,691	44,823	1,811,568
1996	69	Communications Test Equipment	11,359	10,905	1,822,473
1996	70	Controls System Test Equipment	19,940	19,142	1,841,615
1997		Annual Amort Start Year Total			$1,841,615

Table # 3
Replacements Placed in Service in the
Same Fiscal Year Expenditure is made

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 1997

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
1997	2	River Telemetry Upgrade/Sutron	18,037	17,316	17,316
1997	3	P/P Piping Replacement	81,755	78,485	95,801
1997	6	Cooling Water Eductor System	368,181	353,454	449,255
1997	8	Thrust Bearing Cooler NV/AZ	239,369	229,794	679,049
1997	9	Unscheduled Powerplant Replacements	5,637	5,412	684,461
1997	16	Scheduled Communication Replacements	270,328	259,515	943,976
1997	19	Scheduled Control System Replacements	437,984	420,465	1,364,441
1997	22	Sewage Plant	269,966	259,167	1,623,608
1997	23	Life Safety Code/ADA Compliance	44,679	42,892	1,666,500
1997	66	Miscellaneous/Minor Equipment	109,324	104,951	1,771,451
1997	67	Sedans/Transportation Equipment (Rolling Stock)	54,389	52,213	1,823,664
1997	68	Unscheduled General Project Replacements	3,205	3,077	1,826,741
1997	69	Communications Test Equipment	18,251	17,521	1,844,262
1997	70	Controls System Test Equipment	31,825	30,552	1,874,814
1998		Annual Amort Start Year Total			$1,874,814

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 1998

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
1998	3	P/P Piping Replacement	134,248	128,878	128,878
1998	6	Cooling Water Eductor System	274,444	263,466	392,344
1998	9	Unscheduled Powerplant Replacements	22,316	21,423	413,767
1998	16	Scheduled Communication Replacements	289,404	277,828	691,595
1998	19	Scheduled Control System Replacements	527,495	506,395	1,197,990
1998	23	Life Safety Code/ADA Compliance	111,716	107,247	1,305,237
1998	26	Intake Gatehoist Starters	8,887	8,532	1,313,769
1998	27	Battery - Operated Forklifts	22,041	21,159	1,334,928
1998	28	Seal Rings - A3/A4	16,398	15,742	1,350,670
1998	56	Penstock Tunnels-Lighting System	3,706	3,558	1,354,228
1998	66	Miscellaneous/Minor Equipment	104,818	100,625	1,454,853
1998	67	Sedans/Transportation Equipment (Rolling Stock)	(17,760)	(17,050)	1,437,803
1998	68	Unscheduled General Project Replacements	98,265	94,334	1,532,137
1998	69	Communications Test Equipment	27,364	26,269	1,558,406
1998	70	Controls System Test Equipment	25,811	24,779	1,583,185
1998	78	Generator Coolers	78,759	75,609	1,658,794
1998	84	A9 Seal Rings	10,200	9,792	1,668,586
1998	85	Auto Synchronizer	8,083	7,760	1,676,346
1999		Annual Amort Start Year Total			$1,676,346

Table # 3
Replacements Placed in Service in the
Same Fiscal Year Expenditure is made

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 1999

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
1999	3	P/P Piping Replacement	8,862	8,508	8,508
1999	6	Cooling Water Eductor System	258,798	248,446	256,954
1999	9	Unscheduled Powerplant Replacements	14,375	13,800	270,754
1999	16	Scheduled Communication Replacements	189,939	182,341	453,095
1999	17	Wicketgate Bushings/Wear Plate	6,766	6,495	459,590
1999	19	Scheduled Control System Replacements	252,011	241,931	701,521
1999	23	Life Safety Code/ADA Compliance	464,688	446,100	1,147,621
1999	26	Intake Gatehoist Starters	27,952	26,834	1,174,455
1999	28	Seal Rings - A3/A4	177,535	170,434	1,344,889
1999	56	Penstock Tunnels-Lighting System	16,327	15,674	1,360,563
1999	66	Miscellaneous/Minor Equipment	106,463	102,204	1,462,767
1999	68	Unscheduled General Project Replacements	7,785	7,474	1,470,241
1999	69	Communications Test Equipment	5,785	5,554	1,475,795
1999	70	Controls System Test Equipment	549	527	1,476,322
1999	78	Generator Coolers	182,349	175,055	1,651,377
1999	87	DSWR Warehouse (Western)	183	176	1,651,553
1999	89	Air Compressors Overhaul	47,854	45,940	1,697,493
1999	90	Batteries - UPS	81,161	77,915	1,775,408
1999	91	Emergency Compressor Repair	30,468	29,249	1,804,657
1999	92	Vibration Test/Correct A5/N7	165,038	158,436	1,963,093
1999	96	VHF Radios (Western)	(338)	(324)	1,962,769
2000		Annual Amort Start Year Total			$1,962,769

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2000

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2000	6	Cooling Water Eductor System	250,416	240,399	240,399
2000	16	Scheduled Communication Replacements	214,039	205,477	445,876
2000	17	Wicketgate Bushings/Wear Plate	234,364	224,989	670,865
2000	19	Scheduled Control System Replacements	91,535	87,874	758,739
2000	23	Life Safety Code/ADA Compliance	90,564	86,941	845,680
2000	56	Penstock Tunnels-Lighting System	182,620	175,315	1,020,995
2000	66	Miscellaneous/Minor Equipment	89,300	85,728	1,106,723
2000	68	Unscheduled General Project Replacements	4,952	4,754	1,111,477
2000	69	Communications Test Equipment	12,331	11,838	1,123,315
2000	70	Controls System Test Equipment	2,323	2,230	1,125,545
2000	78	Generator Coolers	86,412	82,956	1,208,501
2000	86	Butterfy Values (Seats and Seals (Reseating)	21,384	20,529	1,229,030
2000	87	DSWR Warehouse (Western)	4,778	4,587	1,233,617
2000	92	Vibration Test/Correct A5/N7	26,468	25,409	1,259,026
2001		Annual Amort Start Year Total			$1,259,026

Table # 3
Replacements Placed in Service in the
Same Fiscal Year Expenditure is made

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2001					
(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2001	3	P/P Piping Replacement	150,000	144,000	144,000
2001	6	Cooling Water Eductor System	251,321	241,268	385,268
2001	16	Scheduled Communication Replacements	45,629	43,804	429,072
2001	17	Wicketgate Bushings/Wear Plate	67,274	64,583	493,655
2001	19	Scheduled Control System Replacements	287,854	276,340	769,995
2001	23	Life Safety Code/ADA Compliance	653,405	627,269	1,397,264
2001	56	Penstock Tunnels-Lighting System	4,293	4,121	1,401,385
2001	66	Miscellaneous/Minor Equipment	77,810	74,698	1,476,083
2001	67	Sedans/Transportation Equipment (Rolling Stock)	68,835	66,082	1,542,165
2001	69	Communications Test Equipment	14,322	13,749	1,555,914
2001	78	Generator Coolers	19,502	18,722	1,574,636
2001	86	Butterfy Values (Seats and Seals (Reseating)	642,517	616,816	2,191,452
2001	87	DSWR Warehouse (Western)	38,541	36,999	2,228,451
2001	93	Replace Station Service Tie Brkr w/Bus	8,457	8,119	2,236,570
2001	94	Service Air System Replacement	5,029	4,828	2,241,398
2001	95	Spare Turbine Seal Rings	10,398	9,982	2,251,380
2001	96	VHF Radios (Western)	10,269	9,858	2,261,238
2001	102	Station Service 250V Batteries	71,200	68,352	2,329,590
2001	103	Incline Tunnel Piping	38,505	36,965	2,366,555
2001	104	Life Safety (Emergency Lighting)	31,154	29,908	2,396,463
2001	105	Relay Protection	73,252	70,322	2,466,785
2001	106	Servo Motor (N7)	6,708	6,440	2,473,225
2002		Annual Amort Start Year Total			$2,473,225

Table # 3
Replacements Placed in Service in the
Same Fiscal Year Expenditure is made

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2002

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2002	6	Cooling Water Eductor System	292,064	280,381	280,381
2002	16	Scheduled Communication Replacements	184,070	176,707	457,088
2002	17	Wicketgate Bushings/Wear Plate	78,654	75,508	532,596
2002	19	Scheduled Control System Replacements	392,305	376,613	909,209
2002	23	Life Safety Code/ADA Compliance	260,732	250,303	1,159,512
2002	56	Penstock Tunnels-Lighting System	1,880	1,805	1,161,317
2002	66	Miscellaneous/Minor Equipment	78,661	75,515	1,236,832
2002	67	Sedans/Transportation Equipment (Rolling Stock)	23,050	22,128	1,258,960
2002	70	Controls System Test Equipment	7,058	6,776	1,265,736
2002	78	Generator Coolers	140,307	134,695	1,400,431
2002	86	Butterfy Values (Seats and Seals (Reseating)	774,663	743,676	2,144,107
2002	87	DSWR Warehouse (Western)	4,932	4,734	2,148,841
2002	95	Spare Turbine Seal Rings	182,541	175,239	2,324,080
2002	96	VHF Radios (Western)	61,343	58,889	2,382,969
2002	102	Station Service 250V Batteries	37,379	35,884	2,418,853
2002	103	Incline Tunnel Piping	215,415	206,798	2,625,651
2002	104	Life Safety (Emergency Lighting)	33,660	32,314	2,657,965
2002	107	SF6 Breaker Mods	135,444	130,026	2,787,991
2002	108	Slot Line Piping Repair	47,065	45,182	2,833,173
2003		Annual Amort Start Year Total			$2,833,173

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2003

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2003	6	Cooling Water Eductor System	254,488	244,308	244,308
2003	16	Scheduled Communication Replacements	53,774	51,623	295,931
2003	17	Wicketgate Bushings/Wear Plate	155,526	149,305	445,236
2003	19	Scheduled Control System Replacements	128,085	122,962	568,198
2003	23	Life Safety Code/ADA Compliance	125,143	120,137	688,335
2003	56	Penstock Tunnels-Lighting System	58,353	56,019	744,354
2003	66	Miscellaneous/Minor Equipment	110,985	106,546	850,900
2003	67	Sedans/Transportation Equipment (Rolling Stock)	153,580	147,437	998,337
2003	69	Communications Test Equipment	252	242	998,579
2003	78	Generator Coolers	133,334	128,001	1,126,580
2003	86	Butterfy Values (Seats and Seals (Reseating)	832,814	799,501	1,926,081
2003	87	DSWR Warehouse (Western)	20,378	19,563	1,945,644
2003	95	Spare Turbine Seal Rings	2,799	2,687	1,948,331
2003	96	VHF Radios (Western)	88,634	85,089	2,033,420
2003	102	Station Service 250V Batteries	(2,026)	(1,945)	2,031,475
2003	103	Incline Tunnel Piping	346	332	2,031,807
2003	104	Life Safety (Emergency Lighting)	275,710	264,682	2,296,489
2003	108	Slot Line Piping Repair	267,418	256,721	2,553,210
2003	118	Surge Arrestors	17,150	16,464	2,569,674
2004		Annual Amort Start Year Total			$2,569,674

Table # 3
Replacements Placed in Service in the
Same Fiscal Year Expenditure is made

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2004

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2004	6	Cooling Water Eductor System	63,529	60,988	60,988
2004	17	Wicketgate Bushings/Wear Plate	511,159	490,713	551,701
2004	19	Scheduled Control System Replacements	170,770	163,939	715,640
2004	23	Life Safety Code/ADA Compliance	134,089	128,725	680,426
2004	56	Penstock Tunnels-Lighting System	629,393	604,217	1,284,643
2004	66	Miscellaneous/Minor Equipment	27,018	25,937	1,310,580
2004	67	Sedans/Transportation Equipment (Rolling Stock)	67,409	64,713	1,375,293
2004	69	Communications Test Equipment	513	492	1,375,785
2004	70	Controls System Test Equipment	25,000	24,000	1,399,785
2004	78	Generator Coolers	22,526	21,625	1,421,410
2004	86	Butterfy Values (Seats and Seals (Reseating)	638,372	612,837	2,034,247
2004	95	Spare Turbine Seal Rings	140,825	135,192	2,169,439
2004	96	VHF Radios (Western)	(30,154)	(28,948)	2,140,491
2004	120	Station Service Transformers	520,035	499,234	2,639,725
2005		Annual Amort Start Year Total			$2,639,725

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2005

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2005	6	Cooling Water Eductor System	358,445	344,107	344,107
2005	16	Scheduled Communication Replacements	28,031	26,910	371,017
2005	17	Wicketgate Bushings/Wear Plate	146,349	140,495	511,512
2005	19	Scheduled Control System Replacements	192,379	184,684	696,196
2005	23	Life Safety Code/ADA Compliance	65,948	63,310	759,506
2005	56	Penstock Tunnels-Lighting System	1,039,290	997,718	1,757,224
2005	66	Miscellaneous/Minor Equipment	35	34	1,757,258
2005	67	Sedans/Transportation Equipment (Rolling Stock)	22,004	21,124	1,778,382
2005	78	Generator Coolers	20,608	19,784	1,798,166
2005	86	Butterfy (Rubber) Values (Seats and Seals (Reseating)	621,028	596,187	2,394,353
2005	95	Spare Turbine Seal Rings	41,052	39,410	2,433,763
2005	96	VHF Radios (Western) *	155	149	2,433,912
2005	97	Relay Replacements on Hoover-Mead Lines/Digital VaultRecorders *	50,381	48,366	2,482,278
2005	113	Sump Pump - Lower Nevada	542,339	520,645	3,002,923
2005	119	Wickgate Replacements (Stainless)	1,387,952	1,332,434	4,335,357
2006		Annual Amort Start Year Total			$4,335,357

Table # 3
Replacements Placed in Service in the
Same Fiscal Year Expenditure is made

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2006

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2006	6	Cooling Water Eductor System	312,860	300,346	300,346
2006	16	Scheduled Communication Replacements	29,375	28,200	328,546
2006	17	Wicketgate Bushings/Wear Plate	123,018	118,097	446,643
2006	19	Scheduled Control System Replacements	167,817	161,104	607,747
2006	23	Life Safety Code/ADA Compliance	76,315	73,262	681,009
2006	56	Penstock Tunnels-Lighting System	417,830	401,117	1,082,126
2006	66	Miscellaneous/Minor Equipment	3,082	2,959	1,085,085
2006	68	Unscheduled General Project Replacements	93,104	89,380	1,174,465
2006	78	Generator Coolers	133,220	127,891	1,302,356
2006	86	Butterfy (Rubber) Values (Seats and Seals (Reseating)	41,312	39,660	1,342,016
2006	95	Spare Turbine Seal Rings	4,067	3,904	1,345,920
2006	96	VHF Radios (Western) *	(46)	(44)	1,345,876
2006	97	Relay Replacements on Hoover-Mead Lines/Digital VaultRecorders *	135,752	130,322	1,476,198
2006	113	Sump Pump - Lower Nevada	770,322	739,509	2,215,707
2006	119	Wickgate Replacements (Stainless)	872,390	837,494	3,053,201
2006	121	Potable Water/Fire Protection System Upgrade	138,192	132,664	3,185,865
2006	122	Hoover SCADA Upgrade and Plant/Unit Control Modernization	138,504	132,964	3,318,829
2007		Annual Amort Start Year Total			$3,318,829

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2007

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2007	6	Cooling Water Eductor System	44	42	42
2007	17	Wicketgate Bushings/Wear Plate	635,873	610,438	610,480
2007	19	Scheduled Control System Replacements	13,650	13,104	623,584
2007	66	Miscellaneous/Minor Equipment	23	22	623,606
2007	68	Unscheduled General Project Replacements	6,092	5,848	629,454
2007	78	Generator Coolers	9,151	8,785	638,239
2007	88	Remove & Dispose of Bushings at Hoover 69kV Yard *	136,587	131,124	769,363
2007	95	Spare Turbine Seal Rings	284,189	272,821	1,042,184
2007	97	Relay Replacements on Hoover-Mead Lines/Digital VaultRecorders *	257,935	247,618	1,289,802
2007	113	Sump Pump - Lower Nevada	124	119	1,289,921
2007	119	Wickgate Replacements (Stainless)	2,328,799	2,235,647	3,525,568
2007	121	Potable Water/Fire Protection System Upgrade	139,937	134,340	3,659,908
2007	122	Hoover SCADA Upgrade and Plant/Unit Control Modernization	2,188,348	2,100,814	5,760,722
2008		Annual Amort Start Year Total			$5,760,722

Table # 3
Replacements Placed in Service in the
Same Fiscal Year Expenditure is made

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2008					
(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2008	6	Cooling Water Eductor System	3,135	3,010	3,010
2008	17	Wicketgate Bushings/Wear Plate	343,221	329,492	332,502
2008	19	Scheduled Control System Replacements	40	38	332,540
2008	78	Generator Coolers	211,753	203,283	535,823
2008	86	Butterfy (Rubber) Values (Seats and Seals (Reseating)	127,158	122,072	657,895
2008	89	Air Compressors Overhaul	8,054	7,732	665,627
2008	95	Spare Turbine Seal Rings	341,254	327,604	993,231
2008	97	Relay Replacements on Hoover-Mead Lines/Digital VaultRecorders *	272,460	261,562	1,254,793
2008	109	Replace/Upgrade Microwave Telemetry System	635,587	610,164	1,864,957
2008	110	Phasor Measurement Unit (PMU) Installation at Mead Substation *	76,420	73,363	1,938,320
2008	114	Butterfly Valves Pumps/Bearings	17,350	16,656	1,954,976
2008	116	HVAC (8th Floor)	6,454	6,196	1,961,172
2008	117	Lower Portal Tunel Lighting refurbishment	101,976	97,897	2,059,069
2008	119	Wickgate Replacements (Stainless)	956,378	918,123	2,977,192
2008	122	Hoover SCADA Upgrade and Plant/Unit Control Modernization	4,054,738	3,892,548	6,869,740
2008	127	Low Head Turbine Runner	10,838	10,404	6,880,144
2008	128	Basler (BE1-50BF) Relay Repayments at Mead Substation *	29,537	28,356	6,908,500
2009		Annual Amort Start Year Total			$6,908,500

Table # 3
Replacements Placed in Service in the
Same Fiscal Year Expenditure is made

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2009					
(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2009	6	Cooling Water Eductor System	41	39	39
2009	17	Wicketgate Bushings/Wear Plate	182,040	174,758	174,797
2009	56	Penstock Tunnels-Lighting System	141	135	174,932
2009	78	Generator Coolers	30,958	29,720	204,652
2009	86	Butterfy (Rubber) Values (Seats and Seals (Reseating)	232,360	223,066	427,718
2009	89	Air Compressors Overhaul	369,311	354,539	782,257
2009	95	Spare Turbine Seal Rings	28,293	27,161	809,418
2009	97	Relay Replacements on Hoover-Mead Lines/Digital VaultRecorders *	157,203	150,915	960,333
2009	109	Replace/Upgrade Microwave Telemetry System	-26,000	-24,960	935,373
2009	113	Sump Pump - Lower Nevada	1,283	1,232	936,605
2009	116	HVAC (8th Floor)	100,921	96,884	1,033,489
2009	119	Wickgate Replacements (Stainless)	1,539,468	1,477,889	2,511,378
2009	122	Hoover SCADA Upgrade and Plant/Unit Control Modernization	2,838,507	2,724,967	5,236,345
2009	127	Low Head Turbine Runner	18,566	17,823	5,254,168
2009	134	Hoover Unit 16/5 KV Generator Breaker	170,008	163,208	5,417,376
2009	139	Jumper Hardware repairs on Hoover-Mead #6 & #8 *	698,726	670,777	6,088,153
2009	140	Western Intergrated Network/Critical Infrastructure Protection(WIN/CIP) *	54,394	52,218	6,140,371
2010		Annual Amort Start Year Total			$6,140,371

Table # 3
Replacements Placed in Service in the
Same Fiscal Year Expenditure is made

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2010

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2010	6	Cooling Water Eductor System	530	509	509
2010	17	Wicketgate Bushings/Wear Plate	547,517	525,616	526,125
2010	56	Penstock Tunnels-Lighting System	110	106	526,231
2010	78	Generator Coolers	114,227	109,658	635,889
2010	86	Butterfy (Rubber) Values (Seats and Seals (Reseating)	211,151	202,705	838,594
2010	89	Air Compressors Overhaul	223,224	214,295	1,052,889
2010	95	Spare Turbine Seal Rings	170,287	163,476	1,216,365
2010	97	Relay Replacements on Hoover-Mead Lines/Digital VaultRecorders *	225,723	216,694	1,433,059
2010	101	Squibs on 17 Generator CO2 Sys	195,007	187,207	1,620,266
2010	104	Life Safety (Emergency Lighting)	548	526	1,620,792
2010	109	Replace/Upgrade Microwave Telemetry System	131,825	126,552	1,747,344
2010	116	HVAC (8th Floor)	1,515	1,454	1,748,798
2010	119	Wickgate Replacements (Stainless)	262,191	251,703	2,000,501
2010	122	Hoover SCADA Upgrade and Plant/Unit Control Modernization	1,965,778	1,887,147	3,887,648
2010	128	Basler (BE1-50BF) Relay Repayments at Mead Substation *	9,515	9,134	3,896,782
2010	130	JEMII Meter Replacements *	39,100	37,536	3,934,318
2010	133	Wide-Head Turbine CFD and Model Study	1,501,571	1,441,508	5,375,826
2010	134	Hoover Unit 16/5 KV Generator Breaker	65,959	63,321	5,439,147
2010	138	PRV Modernization	768,539	737,797	6,176,944
2010	140	Western Intergrated Network/Critical Infrastructure Protection(WIN/CIP) *	110,597	106,173	6,283,117
2010	142	Unit Station Service Transfer Bus Breakers	106	102	6,283,219
2011		Annual Amort Start Year Total			$6,283,219

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2011

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2011	17	Wicketgate Bushings/Wear Plate	209,173	200,806	200,806
2011	56	Penstock Tunnels-Lighting System	114	109	200,915
2011	78	Generator Coolers	258,514	248,173	449,088
2011	86	Butterfy (Rubber) Values (Seats and Seals (Reseating)	67,522	64,821	513,909
2011	89	Air Compressors Overhaul	207,201	198,913	712,822
2011	95	Spare Turbine Seal Rings	160,355	153,941	866,763
2011	97	Relay Replacements on Hoover-Mead Lines/Digital VaultRecorders *	283,146	271,820	1,138,583
2011	101	Squibs on 17 Generator CO2 Sys	55,447	53,229	1,191,812
2011	109	Replace/Upgrade Microwave Telemetry System	524,475	503,496	1,695,308
2011	115	Drum Gate Seal Replacement	23,148	22,222	1,717,530
2011	116	HVAC (8th Floor)	79	76	1,717,606
2011	119	Wickgate Replacements (Stainless)	1,188,287	1,140,756	2,858,362
2011	122	Hoover SCADA Upgrade and Plant/Unit Control Modernization	256,022	245,781	3,104,143
2011	123	Station Service Pelton Turbine Replacement	9,292	8,920	3,113,063
2011	127	Low Head Turbine Runner	1,624,123	1,559,158	4,672,221
2011	128	Basler (BE1-50BF) Relay Repayments at Mead Substation *	17,262	16,572	4,688,793
2011	129	Redundant Hoover Dynamic Signal *	36,665	35,198	4,723,991
2011	130	JEMII Meter Replacements *	61	59	4,724,050
2011	134	Hoover Unit 16/5 KV Generator Breaker	6,249	5,999	4,730,049
2011	135	Microwave Radio	11,457	10,999	4,741,048
2011	136	Hand Held & Police Vehicle Radio	1,125	1,080	4,742,128
2011	138	PRV Modernization	316,530	303,869	5,045,997
2011	139	Jumper Hardware repairs on Hoover-Mead #6 & #8 *	1,615	1,550	5,047,547
2011	140	Western Intergrated Network/Critical Infrastructure Protection(WIN/CIP) *	1,555	1,493	5,049,040
2011	141	Unit A8 Wide Head Turbine	30,792	29,560	5,078,600
2011	142	Unit Station Service Transfer Bus Breakers	64,747	62,157	5,140,757
2011	143	Control Center HVAC	9,550	9,168	5,149,925
2011	149	MOI Equipment Transfer *	31,214	29,965	5,179,890
2012		Annual Amort Start Year Total			$5,179,890

Table # 3
Replacements Placed in Service in the
Same Fiscal Year Expenditure is made

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2012

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2012	17	Wicketgate Bushings/Wear Plate	567,000	544,320	544,320
2012	78	Generator Coolers	317,000	304,320	848,640
2012	95	Spare Turbine Seal Rings	244,000	234,240	1,082,880
2012	97	Relay Replacements on Hoover-Mead Lines/Digital VaultRecorders *	100,000	96,000	1,178,880
2012	119	Wickgate Replacements (Stainless)	734,000	704,640	1,883,520
2012	123	Station Service Pelton Turbine Replacement	130,000	124,800	2,008,320
2012	128	Basler (BE1-50BF) Relay Repayments at Mead Substation *	105,000	100,800	2,109,120
2012	133	Wide-Head Turbine CFD and Model Study	1,905,000	1,828,800	3,937,920
2012	138	PRV Modernization	1,252,000	1,201,920	5,139,840
2012	141	Unit A8 Wide Head Turbine	3,150,000	3,024,000	8,163,840
2012	142	Unit Station Service Transfer Bus Breakers	2,700,000	2,592,000	10,755,840
2012	144	A2,A4, and A7 PRV Moderization	400,000	384,000	11,139,840
2012	146	Larus 5702 Microwave/Fiber Optic Switches Replacement	160,000	153,600	11,293,440
2012	147	Chiller & Control System Replacement	560,000	537,600	11,831,040
2012	148	Hoover-Mead Erosion on T-Lines *	600,000	576,000	12,407,040
2012	149	MOI Equipment Transfer *	30,000	28,800	12,435,840
2012	150	Channel Bank *	30,000	28,800	12,464,640
2013		Annual Amort Start Year Total			$12,464,640

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2013

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2013	17	Wicketgate Bushings/Wear Plate	80,000	76,800	76,800
2013	78	Generator Coolers	326,000	312,960	389,760
2013	95	Spare Turbine Seal Rings	255,000	244,800	634,560
2013	119	Wickgate Replacements (Stainless)	1,000,000	960,000	1,594,560
2013	123	Station Service Pelton Turbine Replacement	2,150,000	2,064,000	3,658,560
2013	124	Electrical Panel replacement	400,000	384,000	4,042,560
2013	128	Basler (BE1-50BF) Relay Repayments at Mead Substation *	105,000	100,800	4,143,360
2013	133	Wide-Head Turbine CFD and Model Study	2,290,000	2,198,400	6,341,760
2013	134	Hoover Unit 16/5 KV Generator Breaker	100,000	96,000	6,437,760
2013	138	PRV Modernization	1,328,000	1,274,880	7,712,640
2013	141	Unit A8 Wide Head Turbine	800,000	768,000	8,480,640
2013	142	Unit Station Service Transfer Bus Breakers	950,000	912,000	9,392,640
2013	148	Hoover-Mead Erosion on T-Lines *	510,970	490,531	9,883,171
2013	151	Default Fault Recorders *	110,000	105,600	9,988,771
2014		Annual Amort Start Year Total			$9,988,771

Table # 3
Replacements Placed in Service in the
Same Fiscal Year Expenditure is made

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2014

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2014	40	Dam/Powerplant Elevator Controls/ElevatorMotor&Controller Replc	870,000	835,200	835,200
2014	78	Generator Coolers	336,000	322,560	1,157,760
2014	95	Spare Turbine Seal Rings	269,000	258,240	1,416,000
2014	98	2300V Conduit & Power Cable (Warehouse) Replc	370,000	355,200	1,771,200
2014	112	Drum Gate Drain Hose Replacements	275,000	264,000	2,035,200
2014	119	Wickgate Replacements (Stainless)	773,000	742,080	2,777,280
2014	124	Electrical Panel replacement	416,000	399,360	3,176,640
2014	125	Replace 2300 Volt Switchgear	150,000	144,000	3,320,640
2014	126	Western Outyear Projects to be defined later *	400,000	384,000	3,704,640
2014	133	Wide-Head Turbine CFD and Model Study	3,500,000	3,360,000	7,064,640
2014	134	Hoover Unit 16/5 KV Generator Breaker	110,000	105,600	7,170,240
2014	138	PRV Modernization	1,370,000	1,315,200	8,485,440
2015		Annual Amort Start Year Total			$8,485,440

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2015

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2015	78	Generator Coolers	346,000	332,160	332,160
2015	95	Spare Turbine Seal Rings	281,000	269,760	601,920
2015	114	Butterfly Valves Pumps/Bearings	220,000	211,200	813,120
2015	125	Replace 2300 Volt Switchgear	2,300,000	2,208,000	3,021,120
2015	126	Western Outyear Projects to be defined later *	400,000	384,000	3,405,120
2015	133	Wide-Head Turbine CFD and Model Study	2,600,000	2,496,000	5,901,120
2015	134	Hoover Unit 16/5 KV Generator Breaker	3,117,000	2,992,320	8,893,440
2015	138	PRV Modernization	980,000	940,800	9,834,240
2015	145	Escalator Replacement	570,000	547,200	10,381,440
2016		Annual Amort Start Year Total			$10,381,440

Table # 3
Replacements Placed in Service in the
Same Fiscal Year Expenditure is made

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2016

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2016	40	Dam/Powerplant Elevator Controls/ElevatorMotor&Controller Replc	953,000	914,880	914,880
2016	78	Generator Coolers	357,000	342,720	1,257,600
2016	99	Replace Wastewater Treatment Facility	100,000	96,000	1,353,600
2016	125	Replace 2300 Volt Switchgear	2,300,000	2,208,000	3,561,600
2016	126	Western Outyear Projects to be defined later *	400,000	384,000	3,945,600
2016	133	Wide-Head Turbine CFD and Model Study	1,000,000	960,000	4,905,600
2016	134	Hoover Unit 16/5 KV Generator Breaker	5,857,000	5,622,720	10,528,320
2016	138	PRV Modernization	283,000	271,680	10,800,000
2017		Annual Amort Start Year Total			$10,800,000

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2017

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2017	78	Generator Coolers	368,000	353,280	353,280
2017	99	Replace Wastewater Treatment Facility	2,700,000	2,592,000	2,945,280
2017	126	Western Outyear Projects to be defined later *	400,000	384,000	3,329,280
2017	134	Hoover Unit 16/5 KV Generator Breaker	6,027,000	5,785,920	9,115,200
2018		Annual Amort Start Year Total			$9,115,200

Table # 3
Replacements Placed in Service in the
Same Fiscal Year Expenditure is made

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2018

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2018	40	Dam/Powerplant Elevator Controls/ElevatorMotor&Controller Replc	1,280,000	1,228,800	1,228,800
2018	78	Generator Coolers	378,000	362,880	1,591,680
2018	100	Drum Gate Hinge Pins Replacements	1,220,000	1,171,200	2,762,880
2018	126	Western Outyear Projects to be defined later *	400,000	384,000	3,146,880
2018	134	Hoover Unit 16/5 KV Generator Breaker	7,877,000	7,561,920	10,708,800
2019		Annual Amort Start Year Total			$10,708,800

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2019

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2019	78	Generator Coolers	389,000	373,440	373,440
2019	126	Western Outyear Projects to be defined later *	400,000	384,000	757,440
2019	134	Hoover Unit 16/5 KV Generator Breaker	4,255,000	4,084,800	4,842,240
2020		Annual Amort Start Year Total			$4,842,240

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2020

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2020	78	Generator Coolers	400,000	384,000	384,000
2020	126	Western Outyear Projects to be defined later *	400,000	384,000	768,000
2021		Annual Amort Start Year Total			$768,000

ANNUAL REPLACEMENTS W/O IDC; STARTING YEAR = 2021

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	Item Num.	Replacement Description	Annual Replacement Cost	96% of Annual Replacement Cost	Cumulative Annual Total For Amortization
2021	40	Dam/Powerplant Elevator Controls/ElevatorMotor&Controller Replc	1,280,000	1,228,800	1,228,800
2021	78	Generator Coolers	411,000	394,560	1,623,360
2021	126	Western Outyear Projects to be defined later *	400,000	384,000	2,007,360
2022		Annual Amort Start Year Total			$2,007,360

Table 4 – Summary

Table # 4
Summary of Amortization Amounts

(1)	(2)	(3)	(4)	(5)
Amortization Start Year	Multi-Year Total	Annual Total	Replacement Capital Advances (Total Amount to be Amortized)	Interest Rate
1989	0	1,744,871	$1,744,871	9.250%
1990	2,873,067	474,578	$3,347,645	8.875%
1991	1,602,090	638,513	$2,240,603	8.750%
1992	0	174,377	$174,377	8.500%
1993	2,129,601	579,127	$2,708,728	7.875%
1994	5,031,640	819,950	$5,851,590	7.125%
1995	3,470,220	2,362,466	$5,832,686	7.250%
1996	3,129,633	972,229	$4,101,862	7.625%
1997	19,619,294	1,841,615	$21,460,909	6.875%
1998	2,193,664	1,874,814	$4,068,478	6.875%
1999	1,123,336	1,676,346	$2,799,682	6.000%
2000	5,688,516	1,962,769	$7,651,285	5.750%
2001	2,031,238	1,259,026	$3,290,264	6.250%
2002	0	2,473,225	$2,473,225	5.625%
2003	320,741	2,833,173	$3,153,914	5.477%
2004	0	2,569,674	$2,569,674	4.893%
2005	0	2,639,725	$2,639,725	5.125%
2006	0	4,335,357	$4,335,357	4.875%
2007	0	3,318,829	$3,318,829	4.875%
2008	0	5,760,722	$5,760,722	4.500%
2009	0	6,908,500	$6,908,500	4.500%
2010	0	6,140,371	$6,140,371	4.000%
2011	0	6,283,219	$6,283,219	4.162%
2012	0	5,179,890	$5,179,890	4.162%
2013	0	12,464,640	$12,464,640	4.162%
2014	0	9,988,771	$9,988,771	4.162%
2015	0	8,485,440	$8,485,440	4.162%
2016	0	10,381,440	$10,381,440	4.162%
2017	0	10,800,000	$10,800,000	4.162%
2018	0	9,115,200	$9,115,200	4.162%
2019	0	10,708,800	$10,708,800	4.162%
2020	0	4,842,240	$4,842,240	4.162%
2021	0	768,000	$768,000	4.162%
2022	3,292,725	2,007,360	$5,300,085	4.162%

Notes:

Col. (1) This column provides the start year for amortization of the replacement expenses.

Col. (2) Provides, from Table #2, the Multi-Year replacement expenses that are to be amortized.

Col. (3) Provides, from Table #3, the Annual replacement expenses that are to be amortized.

Col. (4) Displays the sum of the Multi-Year replacement expenses, shown in column (2), and the Annual replacement expenses, shown in column (3). This Number is then amortized in Table #5

Col. (5) Displays the current interest rate for each Fiscal Year, as determined in accordance with DOE Order R.A. 6120.2.

Table 5 – 1989-1998

Table # 5
(Replaces Table A.2.2 in Appendix A)

Amortization Tables for Replacement Capital Advances

FY 1989

Amount to be Amortized	$1,744,871
Yearly Interest	9.250%
Amortization Period	50 Years
Principal & Interest Paymnt	$163,360

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
1989	1,744,871	163,360	161,401	1,959	1,742,912
1990	1,742,912	163,360	161,219	2,141	1,740,771
1991	1,740,771	163,360	161,021	2,339	1,738,432
1992	1,738,432	163,360	160,805	2,555	1,735,877
1993	1,735,877	163,360	160,569	2,791	1,733,086
1994	1,733,086	163,360	160,310	3,050	1,730,036
1995	1,730,036	163,360	160,028	3,332	1,726,704
1996	1,726,704	163,360	159,720	3,640	1,723,064
1997	1,723,064	163,360	159,383	3,977	1,719,087
1998	1,719,087	163,360	159,016	4,344	1,714,743
1999	1,714,743	163,360	158,614	4,746	1,709,997
2000	1,709,997	163,360	158,175	5,185	1,704,812
2001	1,704,812	163,360	157,695	5,665	1,699,147
2002	1,699,147	163,360	157,171	6,189	1,692,958
2003	1,692,958	163,360	156,599	6,761	1,686,197
2004	1,686,197	163,360	155,973	7,387	1,678,810
2005	1,678,810	163,360	155,290	8,070	1,670,740
2006	1,670,740	163,360	154,543	8,817	1,661,923
2007	1,661,923	163,360	153,728	9,632	1,652,291
2008	1,652,291	163,360	152,837	10,523	1,641,768
2009	1,641,768	163,360	151,864	11,496	1,630,272
2010	1,630,272	163,360	150,800	12,560	1,617,712
2011	1,617,712	163,360	149,638	13,722	1,603,990
2012	1,603,990	163,360	148,369	14,991	1,588,999
2013	1,588,999	163,360	146,982	16,378	1,572,621
2014	1,572,621	163,360	145,467	17,893	1,554,728
2015	1,554,728	163,360	143,812	19,548	1,535,180
2016	1,535,180	163,360	142,004	21,356	1,513,824
2017	1,513,824	163,360	140,029	23,331	1,490,493
Subtotal		4,737,440	4,483,062	254,378	

FY 1990

Amount to be Amortized	$3,347,645
Yearly Interest	8.875%
Amortization Period	50 Years
Principal & Interest Paymnt	$301,396

(2)	(3)	(4)	(5)	(6)
BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
0	0	0	0	0
3,347,645	301,396	297,103	4,293	3,343,352
3,343,352	301,396	296,722	4,674	3,338,678
3,338,678	301,396	296,308	5,088	3,333,590
3,333,590	301,396	295,856	5,540	3,328,050
3,328,050	301,396	295,364	6,032	3,322,018
3,322,018	301,396	294,829	6,567	3,315,451
3,315,451	301,396	294,246	7,150	3,308,301
3,308,301	301,396	293,612	7,784	3,300,517
3,300,517	301,396	292,921	8,475	3,292,042
3,292,042	301,396	292,169	9,227	3,282,815
3,282,815	301,396	291,350	10,046	3,272,769
3,272,769	301,396	290,458	10,938	3,261,831
3,261,831	301,396	289,488	11,908	3,249,923
3,249,923	301,396	288,431	12,965	3,236,958
3,236,958	301,396	287,280	14,116	3,222,842
3,222,842	301,396	286,027	15,369	3,207,473
3,207,473	301,396	284,663	16,733	3,190,740
3,190,740	301,396	283,178	18,218	3,172,522
3,172,522	301,396	281,561	19,835	3,152,687
3,152,687	301,396	279,801	21,595	3,131,092
3,131,092	301,396	277,884	23,512	3,107,580
3,107,580	301,396	275,798	25,598	3,081,982
3,081,982	301,396	273,526	27,870	3,054,112
3,054,112	301,396	271,052	30,344	3,023,768
3,023,768	301,396	268,359	33,037	2,990,731
2,990,731	301,396	265,427	35,969	2,954,762
2,954,762	301,396	262,235	39,161	2,915,601
2,915,601	301,396	258,760	42,636	2,872,965
	8,439,088	7,964,408	474,680	

Table # 5
(Replaces Table A.2.2 in Appendix A)
Amortization Tables -- Continued

FY 1989

Amount to be Amortized	$1,744,871
Yearly Interest	9.250%
Amortization Period	50 Years
Principal & Interest Paymnt	$163,360

(1)	(2)	(3)	(4)	(5)	(6)
	BOP	---- Payments ----			EOP
Fiscal Year	Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
2018	1,490,493	163,360	137,871	25,489	1,465,004
2019	1,465,004	163,360	135,513	27,847	1,437,157
2020	1,437,157	163,360	132,937	30,423	1,406,734
2021	1,406,734	163,360	130,123	33,237	1,373,497
2022	1,373,497	163,360	127,048	36,312	1,337,185
2023	1,337,185	163,360	123,690	39,670	1,297,515
2024	1,297,515	163,360	120,020	43,340	1,254,175
2025	1,254,175	163,360	116,011	47,349	1,206,826
2026	1,206,826	163,360	111,631	51,729	1,155,097
2027	1,155,097	163,360	106,846	56,514	1,098,583
2028	1,098,583	163,360	101,619	61,741	1,036,842
2029	1,036,842	163,360	95,908	67,452	969,390
2030	969,390	163,360	89,669	73,691	895,699
2031	895,699	163,360	82,852	80,508	815,191
2032	815,191	163,360	75,405	87,955	727,236
2033	727,236	163,360	67,269	96,091	631,145
2034	631,145	163,360	58,381	104,979	526,166
2035	526,166	163,360	48,670	114,690	411,476
2036	411,476	163,360	38,062	125,298	286,178
2037	286,178	163,360	26,471	136,889	149,289
2038	149,289	163,098	13,809	149,289	0
2039	0	0	0	0	0
2040	0	0	0	0	0
2041	0	0	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
2046	0	0	0	0	0
2047	0	0	0	0	0
2048	0	0	0	0	0
Total		8,167,738	6,422,867	1,744,871	

FY 1990

Amount to be Amortized	$3,347,645
Yearly Interest	8.875%
Amortization Period	50 Years
Principal & Interest Paymnt	$301,396

(2)	(3)	(4)	(5)	(6)
BOP	---- Payments ----			EOP
Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
2,872,965	301,396	254,976	46,420	2,826,545
2,826,545	301,396	250,856	50,540	2,776,005
2,776,005	301,396	246,370	55,026	2,720,979
2,720,979	301,396	241,487	59,909	2,661,070
2,661,070	301,396	236,170	65,226	2,595,844
2,595,844	301,396	230,381	71,015	2,524,829
2,524,829	301,396	224,079	77,317	2,447,512
2,447,512	301,396	217,217	84,179	2,363,333
2,363,333	301,396	209,746	91,650	2,271,683
2,271,683	301,396	201,612	99,784	2,171,899
2,171,899	301,396	192,756	108,640	2,063,259
2,063,259	301,396	183,114	118,282	1,944,977
1,944,977	301,396	172,617	128,779	1,816,198
1,816,198	301,396	161,188	140,208	1,675,990
1,675,990	301,396	148,744	152,652	1,523,338
1,523,338	301,396	135,196	166,200	1,357,138
1,357,138	301,396	120,446	180,950	1,176,188
1,176,188	301,396	104,387	197,009	979,179
979,179	301,396	86,902	214,494	764,685
764,685	301,396	67,866	233,530	531,155
531,155	301,396	47,140	254,256	276,899
276,899	301,474	24,575	276,899	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
	15,069,878	11,722,233	3,347,645	

Table # 5
(Replaces Table A.2.2 in Appendix A)

Amortization Tables for Replacement Capital Advances

FY 1991

Amount to be Amortized	$2,240,603
Yearly Interest	8.750%
Amortization Period	50 Years
Principal & Interest Paymnt	$199,055

(1)	(2)	(3)	(4)	(5)	(6)
	BOP	---- Payments ----			EOP
Fiscal Year	Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
1989	0	0	0	0	0
1990	0	0	0	0	0
1991	2,240,603	199,055	196,053	3,002	2,237,601
1992	2,237,601	199,055	195,790	3,265	2,234,336
1993	2,234,336	199,055	195,504	3,551	2,230,785
1994	2,230,785	199,055	195,194	3,861	2,226,924
1995	2,226,924	199,055	194,856	4,199	2,222,725
1996	2,222,725	199,055	194,488	4,567	2,218,158
1997	2,218,158	199,055	194,089	4,966	2,213,192
1998	2,213,192	199,055	193,654	5,401	2,207,791
1999	2,207,791	199,055	193,182	5,873	2,201,918
2000	2,201,918	199,055	192,668	6,387	2,195,531
2001	2,195,531	199,055	192,109	6,946	2,188,585
2002	2,188,585	199,055	191,501	7,554	2,181,031
2003	2,181,031	199,055	190,840	8,215	2,172,816
2004	2,172,816	199,055	190,121	8,934	2,163,882
2005	2,163,882	199,055	189,340	9,715	2,154,167
2006	2,154,167	199,055	188,490	10,565	2,143,602
2007	2,143,602	199,055	187,565	11,490	2,132,112
2008	2,132,112	199,055	186,560	12,495	2,119,617
2009	2,119,617	199,055	185,466	13,589	2,106,028
2010	2,106,028	199,055	184,277	14,778	2,091,250
2011	2,091,250	199,055	182,984	16,071	2,075,179
2012	2,075,179	199,055	181,578	17,477	2,057,702
2013	2,057,702	199,055	180,049	19,006	2,038,696
2014	2,038,696	199,055	178,386	20,669	2,018,027
2015	2,018,027	199,055	176,577	22,478	1,995,549
2016	1,995,549	199,055	174,611	24,444	1,971,105
2017	1,971,105	199,055	172,472	26,583	1,944,522
Subtotal		5,374,485	5,078,404	296,081	

FY 1992

Amount to be Amortized	$174,377
Yearly Interest	8.500%
Amortization Period	50 Years
Principal & Interest Paymnt	$15,077

(2)	(3)	(4)	(5)	(6)
BOP	---- Payments ----			EOP
Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
174,377	15,077	14,822	255	174,122
174,122	15,077	14,800	277	173,845
173,845	15,077	14,777	300	173,545
173,545	15,077	14,751	326	173,220
173,220	15,077	14,724	353	172,866
172,866	15,077	14,694	383	172,483
172,483	15,077	14,661	416	172,067
172,067	15,077	14,626	451	171,616
171,616	15,077	14,587	490	171,126
171,126	15,077	14,546	531	170,595
170,595	15,077	14,501	576	170,018
170,018	15,077	14,452	625	169,393
169,393	15,077	14,398	679	168,714
168,714	15,077	14,341	736	167,978
167,978	15,077	14,278	799	167,179
167,179	15,077	14,210	867	166,312
166,312	15,077	14,137	940	165,372
165,372	15,077	14,057	1,020	164,351
164,351	15,077	13,970	1,107	163,244
163,244	15,077	13,876	1,201	162,043
162,043	15,077	13,774	1,303	160,740
160,740	15,077	13,663	1,414	159,326
159,326	15,077	13,543	1,534	157,791
157,791	15,077	13,412	1,665	156,127
156,127	15,077	13,271	1,806	154,320
154,320	15,077	13,117	1,960	152,360
	392,002	369,985	22,017	

Table # 5
(Replaces Table A.2.2 in Appendix A)
Amortization Tables -- Continued

FY 1991

Amount to be Amortized	$2,240,603
Yearly Interest	8.750%
Amortization Period	50 Years
Principal & Interest Paymnt	$199,055

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
2018	1,944,522	199,055	170,146	28,909	1,915,613
2019	1,915,613	199,055	167,616	31,439	1,884,174
2020	1,884,174	199,055	164,865	34,190	1,849,984
2021	1,849,984	199,055	161,874	37,181	1,812,803
2022	1,812,803	199,055	158,620	40,435	1,772,368
2023	1,772,368	199,055	155,082	43,973	1,728,395
2024	1,728,395	199,055	151,235	47,820	1,680,575
2025	1,680,575	199,055	147,050	52,005	1,628,570
2026	1,628,570	199,055	142,500	56,555	1,572,015
2027	1,572,015	199,055	137,551	61,504	1,510,511
2028	1,510,511	199,055	132,170	66,885	1,443,626
2029	1,443,626	199,055	126,317	72,738	1,370,888
2030	1,370,888	199,055	119,953	79,102	1,291,786
2031	1,291,786	199,055	113,031	86,024	1,205,762
2032	1,205,762	199,055	105,504	93,551	1,112,211
2033	1,112,211	199,055	97,318	101,737	1,010,474
2034	1,010,474	199,055	88,416	110,639	899,835
2035	899,835	199,055	78,736	120,319	779,516
2036	779,516	199,055	68,208	130,847	648,669
2037	648,669	199,055	56,759	142,296	506,373
2038	506,373	199,055	44,308	154,747	351,626
2039	351,626	199,055	30,767	168,288	183,338
2040	183,338	199,380	16,042	183,338	0
2041	0	0	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
2046	0	0	0	0	0
2047	0	0	0	0	0
2048	0	0	0	0	0
Total		9,953,075	7,712,472	2,240,603	

FY 1992

Amount to be Amortized	$174,377
Yearly Interest	8.500%
Amortization Period	50 Years
Principal & Interest Paymnt	$15,077

(2)	(3)	(4)	(5)	(6)
BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
152,360	15,077	12,951	2,126	150,234
150,234	15,077	12,770	2,307	147,927
147,927	15,077	12,574	2,503	145,424
145,424	15,077	12,361	2,716	142,708
142,708	15,077	12,130	2,947	139,761
139,761	15,077	11,880	3,197	136,564
136,564	15,077	11,608	3,469	133,095
133,095	15,077	11,313	3,764	129,331
129,331	15,077	10,993	4,084	125,247
125,247	15,077	10,646	4,431	120,816
120,816	15,077	10,269	4,808	116,008
116,008	15,077	9,861	5,216	110,792
110,792	15,077	9,417	5,660	105,132
105,132	15,077	8,936	6,141	98,991
98,991	15,077	8,414	6,663	92,329
92,329	15,077	7,848	7,229	85,099
85,099	15,077	7,233	7,844	77,256
77,256	15,077	6,567	8,510	68,746
68,746	15,077	5,843	9,234	59,512
59,512	15,077	5,059	10,018	49,494
49,494	15,077	4,207	10,870	38,623
38,623	15,077	3,283	11,794	26,829
26,829	15,077	2,281	12,796	14,033
14,033	15,226	1,193	14,033	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
	753,999	579,622	174,377	

Table # 5
(Replaces Table A.2.2 in Appendix A)

Amortization Tables for Replacement Capital Advances

FY 1993

Amount to be Amortized	$2,708,728
Yearly Interest	7.875%
Amortization Period	50 Years
Principal & Interest Paymnt	$218,243

(1)	(2)	(3)	(4)	(5)	(6)
	BOP	---- Payments ----			EOP
Fiscal Year	Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
1989	0	0	0	0	0
1990	0	0	0	0	0
1991	0	0	0	0	0
1992	0	0	0	0	0
1993	2,708,728	218,243	213,312	4,931	2,703,797
1994	2,703,797	218,243	212,924	5,319	2,698,478
1995	2,698,478	218,243	212,505	5,738	2,692,740
1996	2,692,740	218,243	212,053	6,190	2,686,550
1997	2,686,550	218,243	211,566	6,677	2,679,873
1998	2,679,873	218,243	211,040	7,203	2,672,670
1999	2,672,670	218,243	210,473	7,770	2,664,900
2000	2,664,900	218,243	209,861	8,382	2,656,518
2001	2,656,518	218,243	209,201	9,042	2,647,476
2002	2,647,476	218,243	208,489	9,754	2,637,722
2003	2,637,722	218,243	207,721	10,522	2,627,200
2004	2,627,200	218,243	206,892	11,351	2,615,849
2005	2,615,849	218,243	205,998	12,245	2,603,604
2006	2,603,604	218,243	205,034	13,209	2,590,395
2007	2,590,395	218,243	203,994	14,249	2,576,146
2008	2,576,146	218,243	202,871	15,372	2,560,774
2009	2,560,774	218,243	201,661	16,582	2,544,192
2010	2,544,192	218,243	200,355	17,888	2,526,304
2011	2,526,304	218,243	198,946	19,297	2,507,007
2012	2,507,007	218,243	197,427	20,816	2,486,191
2013	2,486,191	218,243	195,788	22,455	2,463,736
2014	2,463,736	218,243	194,019	24,224	2,439,512
2015	2,439,512	218,243	192,112	26,131	2,413,381
2016	2,413,381	218,243	190,054	28,189	2,385,192
2017	2,385,192	218,243	187,834	30,409	2,354,783
Subtotal		5,456,075	5,102,130	353,945	

FY 1994

Amount to be Amortized	$5,851,590
Yearly Interest	7.125%
Amortization Period	50 Years
Principal & Interest Paymnt	$430,719

(2)	(3)	(4)	(5)	(6)
BOP	---- Payments ----			EOP
Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
5,851,590	430,719	416,926	13,793	5,837,797
5,837,797	430,719	415,943	14,776	5,823,021
5,823,021	430,719	414,890	15,829	5,807,192
5,807,192	430,719	413,762	16,957	5,790,235
5,790,235	430,719	412,554	18,165	5,772,071
5,772,071	430,719	411,260	19,459	5,752,612
5,752,612	430,719	409,874	20,845	5,731,766
5,731,766	430,719	408,388	22,331	5,709,436
5,709,436	430,719	406,797	23,922	5,685,514
5,685,514	430,719	405,093	25,626	5,659,888
5,659,888	430,719	403,267	27,452	5,632,436
5,632,436	430,719	401,311	29,408	5,603,028
5,603,028	430,719	399,216	31,503	5,571,525
5,571,525	430,719	396,971	33,748	5,537,777
5,537,777	430,719	394,567	36,152	5,501,624
5,501,624	430,719	391,991	38,728	5,462,896
5,462,896	430,719	389,231	41,488	5,421,409
5,421,409	430,719	386,275	44,444	5,376,965
5,376,965	430,719	383,109	47,610	5,329,355
5,329,355	430,719	379,717	51,002	5,278,352
5,278,352	430,719	376,083	54,636	5,223,716
5,223,716	430,719	372,190	58,529	5,165,187
5,165,187	430,719	368,020	62,699	5,102,487
5,102,487	430,719	363,552	67,167	5,035,320
	10,337,256	9,520,986	816,270	

Table # 5
(Replaces Table A.2.2 in Appendix A)
Amortization Tables -- Continued

FY 1993

Amount to be Amortized	$2,708,728
Yearly Interest	7.875%
Amortization Period	50 Years
Principal & Interest Paymnt	$218,243

(1)	(2)	(3)	(4)	(5)	(6)
	BOP	---- Payments ----			EOP
Fiscal Year	Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
2018	2,354,783	218,243	185,439	32,804	2,321,979
2019	2,321,979	218,243	182,856	35,387	2,286,592
2020	2,286,592	218,243	180,069	38,174	2,248,418
2021	2,248,418	218,243	177,063	41,180	2,207,238
2022	2,207,238	218,243	173,820	44,423	2,162,815
2023	2,162,815	218,243	170,322	47,921	2,114,894
2024	2,114,894	218,243	166,548	51,695	2,063,199
2025	2,063,199	218,243	162,477	55,766	2,007,433
2026	2,007,433	218,243	158,085	60,158	1,947,275
2027	1,947,275	218,243	153,348	64,895	1,882,380
2028	1,882,380	218,243	148,237	70,006	1,812,374
2029	1,812,374	218,243	142,724	75,519	1,736,855
2030	1,736,855	218,243	136,777	81,466	1,655,389
2031	1,655,389	218,243	130,362	87,881	1,567,508
2032	1,567,508	218,243	123,441	94,802	1,472,706
2033	1,472,706	218,243	115,976	102,267	1,370,439
2034	1,370,439	218,243	107,922	110,321	1,260,118
2035	1,260,118	218,243	99,234	119,009	1,141,109
2036	1,141,109	218,243	89,862	128,381	1,012,728
2037	1,012,728	218,243	79,752	138,491	874,237
2038	874,237	218,243	68,846	149,397	724,840
2039	724,840	218,243	57,081	161,162	563,678
2040	563,678	218,243	44,390	173,853	389,825
2041	389,825	218,243	30,699	187,544	202,281
2042	202,281	218,211	15,930	202,281	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
2046	0	0	0	0	0
2047	0	0	0	0	0
2048	0	0	0	0	0
Total		10,912,118	8,203,390	2,708,728	

FY 1994

Amount to be Amortized	$5,851,590
Yearly Interest	7.125%
Amortization Period	50 Years
Principal & Interest Paymnt	$430,719

(2)	(3)	(4)	(5)	(6)
BOP	---- Payments ----			EOP
Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
5,035,320	430,719	358,767	71,952	4,963,368
4,963,368	430,719	353,640	77,079	4,886,289
4,886,289	430,719	348,148	82,571	4,803,718
4,803,718	430,719	342,265	88,454	4,715,264
4,715,264	430,719	335,963	94,756	4,620,507
4,620,507	430,719	329,211	101,508	4,518,999
4,518,999	430,719	321,979	108,740	4,410,259
4,410,259	430,719	314,231	116,488	4,293,771
4,293,771	430,719	305,931	124,788	4,168,983
4,168,983	430,719	297,040	133,679	4,035,304
4,035,304	430,719	287,515	143,204	3,892,101
3,892,101	430,719	277,312	153,407	3,738,694
3,738,694	430,719	266,382	164,337	3,574,357
3,574,357	430,719	254,673	176,046	3,398,311
3,398,311	430,719	242,130	188,589	3,209,722
3,209,722	430,719	228,693	202,026	3,007,695
3,007,695	430,719	214,298	216,421	2,791,275
2,791,275	430,719	198,878	231,841	2,559,434
2,559,434	430,719	182,360	248,359	2,311,075
2,311,075	430,719	164,664	266,055	2,045,020
2,045,020	430,719	145,708	285,011	1,760,008
1,760,008	430,719	125,401	305,318	1,454,690
1,454,690	430,719	103,647	327,072	1,127,617
1,127,617	430,719	80,343	350,376	777,241
777,241	430,719	55,378	375,341	401,901
401,901	430,536	28,635	401,901	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
	21,535,767	15,684,177	5,851,590	

Table # 5
(Replaces Table A.2.2 in Appendix A)

Amortization Tables for Replacement Capital Advances

FY 1995

Amount to be Amortized $5,832,686
Yearly Interest 7.250%
Amortization Period 50 Years
Principal & Interest Paymnt $436,042

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
1989	0	0	0	0	0
1990	0	0	0	0	0
1991	0	0	0	0	0
1992	0	0	0	0	0
1993	0	0	0	0	0
1994	0	0	0	0	0
1995	5,832,686	436,042	422,870	13,172	5,819,514
1996	5,819,514	436,042	421,915	14,127	5,805,387
1997	5,805,387	436,042	420,891	15,151	5,790,236
1998	5,790,236	436,042	419,792	16,250	5,773,986
1999	5,773,986	436,042	418,614	17,428	5,756,558
2000	5,756,558	436,042	417,350	18,692	5,737,866
2001	5,737,866	436,042	415,995	20,047	5,717,819
2002	5,717,819	436,042	414,542	21,500	5,696,319
2003	5,696,319	436,042	412,983	23,059	5,673,260
2004	5,673,260	436,042	411,311	24,731	5,648,529
2005	5,648,529	436,042	409,518	26,524	5,622,005
2006	5,622,005	436,042	407,595	28,447	5,593,558
2007	5,593,558	436,042	405,533	30,509	5,563,049
2008	5,563,049	436,042	403,321	32,721	5,530,328
2009	5,530,328	436,042	400,949	35,093	5,495,235
2010	5,495,235	436,042	398,405	37,637	5,457,598
2011	5,457,598	436,042	395,676	40,366	5,417,232
2012	5,417,232	436,042	392,749	43,293	5,373,939
2013	5,373,939	436,042	389,611	46,431	5,327,508
2014	5,327,508	436,042	386,244	49,798	5,277,710
2015	5,277,710	436,042	382,634	53,408	5,224,302
2016	5,224,302	436,042	378,762	57,280	5,167,022
2017	5,167,022	436,042	374,609	61,433	5,105,589
Subtotal		10,028,966	9,301,869	727,097	

FY 1996

Amount to be Amortized $4,101,862
Yearly Interest 7.625%
Amortization Period 50 Years
Principal & Interest Paymnt $320,909

(2)	(3)	(4)	(5)	(6)
BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
4,101,862	320,909	312,767	8,142	4,093,720
4,093,720	320,909	312,146	8,763	4,084,957
4,084,957	320,909	311,478	9,431	4,075,526
4,075,526	320,909	310,759	10,150	4,065,376
4,065,376	320,909	309,985	10,924	4,054,452
4,054,452	320,909	309,152	11,757	4,042,695
4,042,695	320,909	308,255	12,654	4,030,041
4,030,041	320,909	307,291	13,618	4,016,423
4,016,423	320,909	306,252	14,657	4,001,766
4,001,766	320,909	305,135	15,774	3,985,992
3,985,992	320,909	303,932	16,977	3,969,015
3,969,015	320,909	302,637	18,272	3,950,743
3,950,743	320,909	301,244	19,665	3,931,078
3,931,078	320,909	299,745	21,164	3,909,914
3,909,914	320,909	298,131	22,778	3,887,136
3,887,136	320,909	296,394	24,515	3,862,621
3,862,621	320,909	294,525	26,384	3,836,237
3,836,237	320,909	292,513	28,396	3,807,841
3,807,841	320,909	290,348	30,561	3,777,280
3,777,280	320,909	288,018	32,891	3,744,389
3,744,389	320,909	285,510	35,399	3,708,989
3,708,989	320,909	282,810	38,099	3,670,891
	7,059,998	6,629,027	430,971	

Table # 5
(Replaces Table A.2.2 in Appendix A)
Amortization Tables -- Continued

FY 1995

Amount to be Amortized $5,832,686
Yearly Interest 7.250%
Amortization Period 50 Years
Principal & Interest Paymnt $436,042

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
2018	5,105,589	436,042	370,155	65,887	5,039,702
2019	5,039,702	436,042	365,378	70,664	4,969,038
2020	4,969,038	436,042	360,255	75,787	4,893,251
2021	4,893,251	436,042	354,761	81,281	4,811,970
2022	4,811,970	436,042	348,868	87,174	4,724,796
2023	4,724,796	436,042	342,548	93,494	4,631,302
2024	4,631,302	436,042	335,769	100,273	4,531,029
2025	4,531,029	436,042	328,500	107,542	4,423,487
2026	4,423,487	436,042	320,703	115,339	4,308,148
2027	4,308,148	436,042	312,341	123,701	4,184,447
2028	4,184,447	436,042	303,372	132,670	4,051,777
2029	4,051,777	436,042	293,754	142,288	3,909,489
2030	3,909,489	436,042	283,438	152,604	3,756,885
2031	3,756,885	436,042	272,374	163,668	3,593,217
2032	3,593,217	436,042	260,508	175,534	3,417,683
2033	3,417,683	436,042	247,782	188,260	3,229,423
2034	3,229,423	436,042	234,133	201,909	3,027,514
2035	3,027,514	436,042	219,495	216,547	2,810,967
2036	2,810,967	436,042	203,795	232,247	2,578,720
2037	2,578,720	436,042	186,957	249,085	2,329,635
2038	2,329,635	436,042	168,899	267,143	2,062,492
2039	2,062,492	436,042	149,531	286,511	1,775,981
2040	1,775,981	436,042	128,759	307,283	1,468,698
2041	1,468,698	436,042	106,481	329,561	1,139,137
2042	1,139,137	436,042	82,587	353,455	785,682
2043	785,682	436,042	56,962	379,080	406,602
2044	406,602	436,081	29,479	406,602	0
2045	0	0	0	0	0
2046	0	0	0	0	0
2047	0	0	0	0	0
2048	0	0	0	0	0
Total		21,802,139	15,969,453	5,832,686	

FY 1996

Amount to be Amortized $4,101,862
Yearly Interest 7.625%
Amortization Period 50 Years
Principal & Interest Paymnt $320,909

(2)	(3)	(4)	(5)	(6)
BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
3,670,891	320,909	279,905	41,004	3,629,887
3,629,887	320,909	276,779	44,130	3,585,757
3,585,757	320,909	273,414	47,495	3,538,262
3,538,262	320,909	269,792	51,117	3,487,145
3,487,145	320,909	265,895	55,014	3,432,131
3,432,131	320,909	261,700	59,209	3,372,922
3,372,922	320,909	257,185	63,724	3,309,198
3,309,198	320,909	252,326	68,583	3,240,616
3,240,616	320,909	247,097	73,812	3,166,804
3,166,804	320,909	241,469	79,440	3,087,364
3,087,364	320,909	235,411	85,498	3,001,866
3,001,866	320,909	228,892	92,017	2,909,849
2,909,849	320,909	221,876	99,033	2,810,816
2,810,816	320,909	214,325	106,584	2,704,232
2,704,232	320,909	206,198	114,711	2,589,521
2,589,521	320,909	197,451	123,458	2,466,063
2,466,063	320,909	188,037	132,872	2,333,191
2,333,191	320,909	177,906	143,003	2,190,188
2,190,188	320,909	167,002	153,907	2,036,281
2,036,281	320,909	155,266	165,643	1,870,638
1,870,638	320,909	142,636	178,273	1,692,365
1,692,365	320,909	129,043	191,866	1,500,499
1,500,499	320,909	114,413	206,496	1,294,003
1,294,003	320,909	98,668	222,241	1,071,762
1,071,762	320,909	81,722	239,187	832,575
832,575	320,909	63,484	257,425	575,149
575,149	320,909	43,855	277,054	298,096
298,096	320,825	22,730	298,096	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
	16,045,366	11,943,504	4,101,862	

Table # 5
(Replaces Table A.2.2 in Appendix A)

Amortization Tables for Replacement Capital Advances

FY 1997

Amount to be Amortized	$21,460,909
Yearly Interest	6.875%
Amortization Period	50 Years
Principal & Interest Paymnt	$1,530,522

(1)	(2)	(3)	(4)	(5)	(6)
	BOP	---- Payments ----			EOP
Fiscal Year	Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
1989	0	0	0	0	0
1990	0	0	0	0	0
1991	0	0	0	0	0
1992	0	0	0	0	0
1993	0	0	0	0	0
1994	0	0	0	0	0
1995	0	0	0	0	0
1996	0	0	0	0	0
1997	21,460,909	1,530,522	1,475,437	55,085	21,405,824
1998	21,405,824	1,530,522	1,471,650	58,872	21,346,952
1999	21,346,952	1,530,522	1,467,603	62,919	21,284,033
2000	21,284,033	1,530,522	1,463,277	67,245	21,216,788
2001	21,216,788	1,530,522	1,458,654	71,868	21,144,920
2002	21,144,920	1,530,522	1,453,713	76,809	21,068,111
2003	21,068,111	1,530,522	1,448,433	82,089	20,986,022
2004	20,986,022	1,530,522	1,442,789	87,733	20,898,289
2005	20,898,289	1,530,522	1,436,757	93,765	20,804,524
2006	20,804,524	1,530,522	1,430,311	100,211	20,704,313
2007	20,704,313	1,530,522	1,423,422	107,100	20,597,213
2008	20,597,213	1,530,522	1,416,058	114,464	20,482,749
2009	20,482,749	1,530,522	1,408,189	122,333	20,360,416
2010	20,360,416	1,530,522	1,399,779	130,743	20,229,673
2011	20,229,673	1,530,522	1,390,790	139,732	20,089,941
2012	20,089,941	1,530,522	1,381,183	149,339	19,940,602
2013	19,940,602	1,530,522	1,370,916	159,606	19,780,996
2014	19,780,996	1,530,522	1,359,943	170,579	19,610,417
2015	19,610,417	1,530,522	1,348,216	182,306	19,428,111
2016	19,428,111	1,530,522	1,335,683	194,839	19,233,272
2017	19,233,272	1,530,522	1,322,287	208,235	19,025,037
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Subtotal		32,140,962	29,705,090	2,435,872	

FY 1998

Amount to be Amortized	$4,068,478
Yearly Interest	6.875%
Amortization Period	50 Years
Principal & Interest Paymnt	$290,151

(2)	(3)	(4)	(5)	(6)
BOP	---- Payments ----			EOP
Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
4,068,478	290,151	279,708	10,443	4,058,035
4,058,035	290,151	278,990	11,161	4,046,874
4,046,874	290,151	278,223	11,928	4,034,945
4,034,945	290,151	277,402	12,749	4,022,197
4,022,197	290,151	276,526	13,625	4,008,572
4,008,572	290,151	275,589	14,562	3,994,010
3,994,010	290,151	274,588	15,563	3,978,447
3,978,447	290,151	273,518	16,633	3,961,815
3,961,815	290,151	272,375	17,776	3,944,038
3,944,038	290,151	271,153	18,998	3,925,040
3,925,040	290,151	269,847	20,304	3,904,736
3,904,736	290,151	268,451	21,700	3,883,035
3,883,035	290,151	266,959	23,192	3,859,843
3,859,843	290,151	265,364	24,787	3,835,056
3,835,056	290,151	263,660	26,491	3,808,565
3,808,565	290,151	261,839	28,312	3,780,253
3,780,253	290,151	259,892	30,259	3,749,994
3,749,994	290,151	257,812	32,339	3,717,655
3,717,655	290,151	255,589	34,562	3,683,093
3,683,093	290,151	253,213	36,938	3,646,155
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	5,803,020	5,380,697	422,323	

Table # 5
(Replaces Table A.2.2 in Appendix A)
Amortization Tables -- Continued

FY 1997

Amount to be Amortized	$21,460,909
Yearly Interest	6.875%
Amortization Period	50 Years
Principal & Interest Paymnt	$1,530,522

(1)	(2)	(3)	(4)	(5)	(6)
	BOP	---- Payments ----			EOP
Fiscal Year	Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
2018	19,025,037	1,530,522	1,307,971	222,551	18,802,486
2019	18,802,486	1,530,522	1,292,671	237,851	18,564,635
2020	18,564,635	1,530,522	1,276,319	254,203	18,310,432
2021	18,310,432	1,530,522	1,258,842	271,680	18,038,752
2022	18,038,752	1,530,522	1,240,164	290,358	17,748,394
2023	17,748,394	1,530,522	1,220,202	310,320	17,438,074
2024	17,438,074	1,530,522	1,198,868	331,654	17,106,420
2025	17,106,420	1,530,522	1,176,066	354,456	16,751,964
2026	16,751,964	1,530,522	1,151,698	378,824	16,373,140
2027	16,373,140	1,530,522	1,125,653	404,869	15,968,271
2028	15,968,271	1,530,522	1,097,819	432,703	15,535,568
2029	15,535,568	1,530,522	1,068,070	462,452	15,073,116
2030	15,073,116	1,530,522	1,036,277	494,245	14,578,871
2031	14,578,871	1,530,522	1,002,297	528,225	14,050,646
2032	14,050,646	1,530,522	965,982	564,540	13,486,106
2033	13,486,106	1,530,522	927,170	603,352	12,882,754
2034	12,882,754	1,530,522	885,689	644,833	12,237,921
2035	12,237,921	1,530,522	841,357	689,165	11,548,756
2036	11,548,756	1,530,522	793,977	736,545	10,812,211
2037	10,812,211	1,530,522	743,340	787,182	10,025,029
2038	10,025,029	1,530,522	689,221	841,301	9,183,728
2039	9,183,728	1,530,522	631,381	899,141	8,284,587
2040	8,284,587	1,530,522	569,565	960,957	7,323,630
2041	7,323,630	1,530,522	503,500	1,027,022	6,296,608
2042	6,296,608	1,530,522	432,892	1,097,630	5,198,978
2043	5,198,978	1,530,522	357,430	1,173,092	4,025,886
2044	4,025,886	1,530,522	276,780	1,253,742	2,772,144
2045	2,772,144	1,530,522	190,585	1,339,937	1,432,207
2046	1,432,207	1,530,671	98,464	1,432,207	0
2047	0	0	0	0	0
2048	0	0	0	0	0
Total		76,526,249	55,065,340	21,460,909	

FY 1998

Amount to be Amortized	$4,068,478
Yearly Interest	6.875%
Amortization Period	50 Years
Principal & Interest Paymnt	$290,151

(2)	(3)	(4)	(5)	(6)
BOP	---- Payments ----			EOP
Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
3,646,155	290,151	250,673	39,478	3,606,677
3,606,677	290,151	247,959	42,192	3,564,485
3,564,485	290,151	245,058	45,093	3,519,392
3,519,392	290,151	241,958	48,193	3,471,200
3,471,200	290,151	238,645	51,506	3,419,694
3,419,694	290,151	235,104	55,047	3,364,646
3,364,646	290,151	231,319	58,832	3,305,815
3,305,815	290,151	227,275	62,876	3,242,939
3,242,939	290,151	222,952	67,199	3,175,740
3,175,740	290,151	218,332	71,819	3,103,921
3,103,921	290,151	213,395	76,756	3,027,164
3,027,164	290,151	208,118	82,033	2,945,131
2,945,131	290,151	202,478	87,673	2,857,458
2,857,458	290,151	196,450	93,701	2,763,757
2,763,757	290,151	190,008	100,143	2,663,614
2,663,614	290,151	183,123	107,028	2,556,587
2,556,587	290,151	175,765	114,386	2,442,201
2,442,201	290,151	167,901	122,250	2,319,951
2,319,951	290,151	159,497	130,654	2,189,297
2,189,297	290,151	150,514	139,637	2,049,660
2,049,660	290,151	140,914	149,237	1,900,423
1,900,423	290,151	130,654	159,497	1,740,926
1,740,926	290,151	119,689	170,462	1,570,464
1,570,464	290,151	107,969	182,182	1,388,283
1,388,283	290,151	95,444	194,707	1,193,576
1,193,576	290,151	82,058	208,093	985,483
985,483	290,151	67,752	222,399	763,084
763,084	290,151	52,462	237,689	525,395
525,395	290,151	36,121	254,030	271,365
271,365	290,022	18,656	271,365	0
0	0	0	0	0
	14,507,421	10,438,943	4,068,478	

Table # 5
(Replaces Table A.2.2 in Appendix A)

Amortization Tables for
Replacement Capital Advances

Notes:

Col. (1) This column displays the first Fiscal Year through the last Fiscal Year of the amortization period for each capitalized replacement expense.

Col. (2) This column displays the Beginning of Period (BOP) remaining principal, which first equals the "Total Amount to be Amortized" fromTable #4 for the corresponding Fiscal Year. It is then reduced in the next Fiscal Year by the amount of principal paid in that Fiscal Year as shown in Column 5.

Col. (3) This column displays the Principal and interest (P&I) which reflects the amortization schedule required to pay off the Replacement Capital Advances at the current interest rate over a 50 year repayment period beginning in the Fiscal Year following the investment going into service, as described in Section 6.3(b).

Col. (4) This column displays the amount of interest for a given Fiscal Year which is the product of the current interest rate and the BOP remaining principal shown in Column 1. The current interest rate is specified at the beginning of each amortization schedule.

Col. (5) This column displays the Principal which equals P&I from Column 3 minus Interest from Column 4. The cumulative sum of the Column 5 values for each Fiscal Year is the annual principal recovered if replacements were funded by appropriations, as shown in Column 2 of Table #6.

Col. (6) This column displays the End of Period (EOP) remaining principal which equals the BOP remaining principal shown in Column 2 minus the principal paid shown in Column 5.

Table 5 – 1999-2008

Table # 5
(Replaces Table A.2.2 in Appendix A)

Amortization Tables for Replacement Capital Advances

FY 1999

Amount to be Amortized	$2,799,682
Yearly Interest	6.000%
Amortization Period	50 Years
Principal & Interest Paymnt	$177,624

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
1999	2,799,682	177,624	167,981	9,643	2,790,039
2000	2,790,039	177,624	167,402	10,222	2,779,817
2001	2,779,817	177,624	166,789	10,835	2,768,982
2002	2,768,982	177,624	166,139	11,485	2,757,497
2003	2,757,497	177,624	165,450	12,174	2,745,323
2004	2,745,323	177,624	164,719	12,905	2,732,418
2005	2,732,418	177,624	163,945	13,679	2,718,739
2006	2,718,739	177,624	163,124	14,500	2,704,239
2007	2,704,239	177,624	162,254	15,370	2,688,869
2008	2,688,869	177,624	161,332	16,292	2,672,577
2009	2,672,577	177,624	160,355	17,269	2,655,308
2010	2,655,308	177,624	159,318	18,306	2,637,002
2011	2,637,002	177,624	158,220	19,404	2,617,598
2012	2,617,598	177,624	157,056	20,568	2,597,030
2013	2,597,030	177,624	155,822	21,802	2,575,228
2014	2,575,228	177,624	154,514	23,110	2,552,118
2015	2,552,118	177,624	153,127	24,497	2,527,621
2016	2,527,621	177,624	151,657	25,967	2,501,654
2017	2,501,654	177,624	150,099	27,525	2,474,129
2018	2,474,129	177,624	148,448	29,176	2,444,953
2019	2,444,953	177,624	146,697	30,927	2,414,026
2020	2,414,026	177,624	144,842	32,782	2,381,244
2021	2,381,244	177,624	142,875	34,749	2,346,495
2022	2,346,495	177,624	140,790	36,834	2,309,661
2023	2,309,661	177,624	138,580	39,044	2,270,617
2024	2,270,617	177,624	136,237	41,387	2,229,230
2025	2,229,230	177,624	133,754	43,870	2,185,360
2026	2,185,360	177,624	131,122	46,502	2,138,858
2027	2,138,858	177,624	128,331	49,293	2,089,565
Subtotal		5,151,096	4,440,979	710,117	

FY 2000

Amount to be Amortized	$7,651,285
Yearly Interest	5.750%
Amortization Period	50 Years
Principal & Interest Paymnt	$468,575

(2)	(3)	(4)	(5)	(6)
BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
0	0	0	0	0
7,651,285	468,575	439,949	28,626	7,622,659
7,622,659	468,575	438,303	30,272	7,592,387
7,592,387	468,575	436,562	32,013	7,560,374
7,560,374	468,575	434,722	33,853	7,526,521
7,526,521	468,575	432,775	35,800	7,490,721
7,490,721	468,575	430,716	37,859	7,452,862
7,452,862	468,575	428,540	40,035	7,412,827
7,412,827	468,575	426,238	42,337	7,370,490
7,370,490	468,575	423,803	44,772	7,325,718
7,325,718	468,575	421,229	47,346	7,278,372
7,278,372	468,575	418,506	50,069	7,228,303
7,228,303	468,575	415,627	52,948	7,175,355
7,175,355	468,575	412,583	55,992	7,119,363
7,119,363	468,575	409,363	59,212	7,060,151
7,060,151	468,575	405,959	62,616	6,997,535
6,997,535	468,575	402,358	66,217	6,931,318
6,931,318	468,575	398,551	70,024	6,861,294
6,861,294	468,575	394,524	74,051	6,787,243
6,787,243	468,575	390,266	78,309	6,708,934
6,708,934	468,575	385,764	82,811	6,626,123
6,626,123	468,575	381,002	87,573	6,538,550
6,538,550	468,575	375,967	92,608	6,445,942
6,445,942	468,575	370,642	97,933	6,348,009
6,348,009	468,575	365,011	103,564	6,244,445
6,244,445	468,575	359,056	109,519	6,134,926
6,134,926	468,575	352,758	115,817	6,019,109
6,019,109	468,575	346,099	122,476	5,896,633
5,896,633	468,575	339,056	129,519	5,767,114
	13,120,100	11,235,929	1,884,171	

Table # 5
(Replaces Table A.2.2 in Appendix A)
Amortization Tables -- Continued

FY 1999

Amount to be Amortized	$2,799,682
Yearly Interest	6.000%
Amortization Period	50 Years
Principal & Interest Paymnt	$177,624

(1)	(2)	(3)	(4)	(5)	(6)
	BOP	---- Payments ----			EOP
Fiscal Year	Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
2028	2,089,565	177,624	125,374	52,250	2,037,315
2029	2,037,315	177,624	122,239	55,385	1,981,930
2030	1,981,930	177,624	118,916	58,708	1,923,222
2031	1,923,222	177,624	115,393	62,231	1,860,991
2032	1,860,991	177,624	111,659	65,965	1,795,026
2033	1,795,026	177,624	107,702	69,922	1,725,104
2034	1,725,104	177,624	103,506	74,118	1,650,986
2035	1,650,986	177,624	99,059	78,565	1,572,421
2036	1,572,421	177,624	94,345	83,279	1,489,142
2037	1,489,142	177,624	89,349	88,275	1,400,867
2038	1,400,867	177,624	84,052	93,572	1,307,295
2039	1,307,295	177,624	78,438	99,186	1,208,109
2040	1,208,109	177,624	72,487	105,137	1,102,972
2041	1,102,972	177,624	66,178	111,446	991,526
2042	991,526	177,624	59,492	118,132	873,394
2043	873,394	177,624	52,404	125,220	748,174
2044	748,174	177,624	44,890	132,734	615,440
2045	615,440	177,624	36,926	140,698	474,742
2046	474,742	177,624	28,485	149,139	325,603
2047	325,603	177,624	19,536	158,088	167,515
2048	167,515	177,566	10,051	167,515	0
2049	0	0	0	0	0
2050	0	0	0	0	0
2051	0	0	0	0	0
2052	0	0	0	0	0
2053	0	0	0	0	0
2054	0	0	0	0	0
2055	0	0	0	0	0
2056	0	0	0	0	0
2057	0	0	0	0	0
2058	0	0	0	0	0
Total		8,881,142	6,081,460	2,799,682	

FY 2000

Amount to be Amortized	$7,651,285
Yearly Interest	5.750%
Amortization Period	50 Years
Principal & Interest Paymnt	$468,575

(2)	(3)	(4)	(5)	(6)
BOP	---- Payments ----			EOP
Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
5,767,114	468,575	331,609	136,966	5,630,148
5,630,148	468,575	323,734	144,841	5,485,307
5,485,307	468,575	315,405	153,170	5,332,137
5,332,137	468,575	306,598	161,977	5,170,160
5,170,160	468,575	297,284	171,291	4,998,869
4,998,869	468,575	287,435	181,140	4,817,729
4,817,729	468,575	277,019	191,556	4,626,173
4,626,173	468,575	266,005	202,570	4,423,603
4,423,603	468,575	254,357	214,218	4,209,385
4,209,385	468,575	242,040	226,535	3,982,850
3,982,850	468,575	229,014	239,561	3,743,289
3,743,289	468,575	215,239	253,336	3,489,953
3,489,953	468,575	200,672	267,903	3,222,050
3,222,050	468,575	185,268	283,307	2,938,743
2,938,743	468,575	168,978	299,597	2,639,146
2,639,146	468,575	151,751	316,824	2,322,322
2,322,322	468,575	133,534	335,041	1,987,281
1,987,281	468,575	114,269	354,306	1,632,975
1,632,975	468,575	93,896	374,679	1,258,296
1,258,296	468,575	72,352	396,223	862,073
862,073	468,575	49,569	419,006	443,067
443,067	468,543	25,476	443,067	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
	23,428,718	15,777,433	7,651,285	

Table # 5
(Replaces Table A.2.2 in Appendix A)

Amortization Tables for Replacement Capital Advances

FY 2001

Amount to be Amortized	$3,290,264
Yearly Interest	6.250%
Amortization Period	50 Years
Principal & Interest Paymnt	$216,068

(1)	(2)	(3)	(4)	(5)	(6)
	BOP	---- Payments ----			EOP
Fiscal Year	Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
1999	0	0	0	0	0
2000	0	0	0	0	0
2001	3,290,264	216,068	205,642	10,426	3,279,838
2002	3,279,838	216,068	204,990	11,078	3,268,760
2003	3,268,760	216,068	204,298	11,770	3,256,990
2004	3,256,990	216,068	203,562	12,506	3,244,484
2005	3,244,484	216,068	202,780	13,288	3,231,196
2006	3,231,196	216,068	201,950	14,118	3,217,078
2007	3,217,078	216,068	201,067	15,001	3,202,077
2008	3,202,077	216,068	200,130	15,938	3,186,139
2009	3,186,139	216,068	199,134	16,934	3,169,205
2010	3,169,205	216,068	198,075	17,993	3,151,212
2011	3,151,212	216,068	196,951	19,117	3,132,095
2012	3,132,095	216,068	195,756	20,312	3,111,783
2013	3,111,783	216,068	194,486	21,582	3,090,201
2014	3,090,201	216,068	193,138	22,930	3,067,271
2015	3,067,271	216,068	191,704	24,364	3,042,907
2016	3,042,907	216,068	190,182	25,886	3,017,021
2017	3,017,021	216,068	188,564	27,504	2,989,517
2018	2,989,517	216,068	186,845	29,223	2,960,294
2019	2,960,294	216,068	185,018	31,050	2,929,244
2020	2,929,244	216,068	183,078	32,990	2,896,254
2021	2,896,254	216,068	181,016	35,052	2,861,202
2022	2,861,202	216,068	178,825	37,243	2,823,959
2023	2,823,959	216,068	176,497	39,571	2,784,388
2024	2,784,388	216,068	174,024	42,044	2,742,344
2025	2,742,344	216,068	171,397	44,671	2,697,673
2026	2,697,673	216,068	168,605	47,463	2,650,210
2027	2,650,210	216,068	165,638	50,430	2,599,780
Subtotal		5,833,836	5,143,352	690,484	

FY 2002

Amount to be Amortized	$2,473,225
Yearly Interest	5.625%
Amortization Period	50 Years
Principal & Interest Paymnt	$148,761

(2)	(3)	(4)	(5)	(6)
BOP	---- Payments ----			EOP
Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
2,473,225	148,761	139,119	9,642	2,463,583
2,463,583	148,761	138,577	10,184	2,453,398
2,453,398	148,761	138,004	10,757	2,442,641
2,442,641	148,761	137,399	11,362	2,431,279
2,431,279	148,761	136,759	12,002	2,419,277
2,419,277	148,761	136,084	12,677	2,406,600
2,406,600	148,761	135,371	13,390	2,393,211
2,393,211	148,761	134,618	14,143	2,379,068
2,379,068	148,761	133,823	14,938	2,364,129
2,364,129	148,761	132,982	15,779	2,348,351
2,348,351	148,761	132,095	16,666	2,331,684
2,331,684	148,761	131,157	17,604	2,314,081
2,314,081	148,761	130,167	18,594	2,295,487
2,295,487	148,761	129,121	19,640	2,275,847
2,275,847	148,761	128,016	20,745	2,255,102
2,255,102	148,761	126,849	21,912	2,233,191
2,233,191	148,761	125,617	23,144	2,210,047
2,210,047	148,761	124,315	24,446	2,185,601
2,185,601	148,761	122,940	25,821	2,159,780
2,159,780	148,761	121,488	27,273	2,132,506
2,132,506	148,761	119,953	28,808	2,103,699
2,103,699	148,761	118,333	30,428	2,073,271
2,073,271	148,761	116,621	32,140	2,041,131
2,041,131	148,761	114,814	33,947	2,007,184
2,007,184	148,761	112,904	35,857	1,971,327
1,971,327	148,761	110,887	37,874	1,933,453
	3,867,786	3,328,014	539,772	

Table # 5
(Replaces Table A.2.2 in Appendix A)
Amortization Tables -- Continued

FY 2001

Amount to be Amortized	$3,290,264
Yearly Interest	6.250%
Amortization Period	50 Years
Principal & Interest Paymnt	$216,068

(1)	(2)	(3)	(4)	(5)	(6)
	BOP	---- Payments ----			EOP
Fiscal Year	Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
2028	2,599,780	216,068	162,486	53,582	2,546,198
2029	2,546,198	216,068	159,137	56,931	2,489,267
2030	2,489,267	216,068	155,579	60,489	2,428,778
2031	2,428,778	216,068	151,799	64,269	2,364,509
2032	2,364,509	216,068	147,782	68,286	2,296,223
2033	2,296,223	216,068	143,514	72,554	2,223,669
2034	2,223,669	216,068	138,979	77,089	2,146,580
2035	2,146,580	216,068	134,161	81,907	2,064,673
2036	2,064,673	216,068	129,042	87,026	1,977,647
2037	1,977,647	216,068	123,603	92,465	1,885,182
2038	1,885,182	216,068	117,824	98,244	1,786,938
2039	1,786,938	216,068	111,684	104,384	1,682,554
2040	1,682,554	216,068	105,160	110,908	1,571,646
2041	1,571,646	216,068	98,228	117,840	1,453,806
2042	1,453,806	216,068	90,863	125,205	1,328,601
2043	1,328,601	216,068	83,038	133,030	1,195,571
2044	1,195,571	216,068	74,723	141,345	1,054,226
2045	1,054,226	216,068	65,889	150,179	904,047
2046	904,047	216,068	56,503	159,565	744,482
2047	744,482	216,068	46,530	169,538	574,944
2048	574,944	216,068	35,934	180,134	394,810
2049	394,810	216,068	24,676	191,392	203,418
2050	203,418	216,132	12,714	203,418	0
2051	0	0	0	0	0
2052	0	0	0	0	0
2053	0	0	0	0	0
2054	0	0	0	0	0
2055	0	0	0	0	0
2056	0	0	0	0	0
2057	0	0	0	0	0
2058	0	0	0	0	0
Total		10,803,464	7,513,200	3,290,264	

FY 2002

Amount to be Amortized	$2,473,225
Yearly Interest	5.625%
Amortization Period	50 Years
Principal & Interest Paymnt	$148,761

(2)	(3)	(4)	(5)	(6)
BOP	---- Payments ----			EOP
Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
1,933,453	148,761	108,757	40,004	1,893,449
1,893,449	148,761	106,507	42,254	1,851,195
1,851,195	148,761	104,130	44,631	1,806,563
1,806,563	148,761	101,619	47,142	1,759,421
1,759,421	148,761	98,967	49,794	1,709,628
1,709,628	148,761	96,167	52,594	1,657,034
1,657,034	148,761	93,208	55,553	1,601,481
1,601,481	148,761	90,083	58,678	1,542,803
1,542,803	148,761	86,783	61,978	1,480,825
1,480,825	148,761	83,296	65,465	1,415,360
1,415,360	148,761	79,614	69,147	1,346,213
1,346,213	148,761	75,724	73,037	1,273,176
1,273,176	148,761	71,616	77,145	1,196,032
1,196,032	148,761	67,277	81,484	1,114,547
1,114,547	148,761	62,693	86,068	1,028,480
1,028,480	148,761	57,852	90,909	937,571
937,571	148,761	52,738	96,023	841,548
841,548	148,761	47,337	101,424	740,124
740,124	148,761	41,632	107,129	632,995
632,995	148,761	35,606	113,155	519,840
519,840	148,761	29,241	119,520	400,320
400,320	148,761	22,518	126,243	274,077
274,077	148,761	15,417	133,344	140,733
140,733	148,649	7,916	140,733	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
	7,437,938	4,964,713	2,473,225	

Table # 5
(Replaces Table A.2.2 in Appendix A)
Amortization Tables for Replacement Capital Advances

FY 2003

Amount to be Amortized	$3,153,914
Yearly Interest	5.477%
Amortization Period	50 Years
Principal & Interest Paymnt	$185,651

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
1999	0	0	0	0	0
2000	0	0	0	0	0
2001	0	0	0	0	0
2002	0	0	0	0	0
2003	3,153,914	185,651	172,746	12,905	3,141,009
2004	3,141,009	185,651	172,039	13,612	3,127,397
2005	3,127,397	185,651	171,294	14,357	3,113,040
2006	3,113,040	185,651	170,507	15,144	3,097,896
2007	3,097,896	185,651	169,678	15,973	3,081,923
2008	3,081,923	185,651	168,803	16,848	3,065,075
2009	3,065,075	185,651	167,880	17,771	3,047,304
2010	3,047,304	185,651	166,907	18,744	3,028,560
2011	3,028,560	185,651	165,880	19,771	3,008,789
2012	3,008,789	185,651	164,797	20,854	2,987,935
2013	2,987,935	185,651	163,655	21,996	2,965,939
2014	2,965,939	185,651	162,450	23,201	2,942,738
2015	2,942,738	185,651	161,180	24,471	2,918,267
2016	2,918,267	185,651	159,839	25,812	2,892,455
2017	2,892,455	185,651	158,426	27,225	2,865,230
2018	2,865,230	185,651	156,934	28,717	2,836,513
2019	2,836,513	185,651	155,361	30,290	2,806,223
2020	2,806,223	185,651	153,702	31,949	2,774,274
2021	2,774,274	185,651	151,953	33,698	2,740,576
2022	2,740,576	185,651	150,107	35,544	2,705,032
2023	2,705,032	185,651	148,160	37,491	2,667,541
2024	2,667,541	185,651	146,107	39,544	2,627,997
2025	2,627,997	185,651	143,941	41,710	2,586,287
2026	2,586,287	185,651	141,656	43,995	2,542,292
2027	2,542,292	185,651	139,246	46,405	2,495,887
Subtotal		4,641,275	3,983,248	658,027	

FY 2004

Amount to be Amortized	$2,569,674
Yearly Interest	4.893%
Amortization Period	50 Years
Principal & Interest Paymnt	$138,446

(2)	(3)	(4)	(5)	(6)
BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
2,569,674	138,446	125,744	12,702	2,556,972
2,556,972	138,446	125,123	13,323	2,543,649
2,543,649	138,446	124,471	13,975	2,529,674
2,529,674	138,446	123,787	14,659	2,515,015
2,515,015	138,446	123,070	15,376	2,499,639
2,499,639	138,446	122,317	16,129	2,483,510
2,483,510	138,446	121,528	16,918	2,466,593
2,466,593	138,446	120,700	17,746	2,448,847
2,448,847	138,446	119,832	18,614	2,430,233
2,430,233	138,446	118,921	19,525	2,410,708
2,410,708	138,446	117,966	20,480	2,390,227
2,390,227	138,446	116,963	21,483	2,368,745
2,368,745	138,446	115,912	22,534	2,346,211
2,346,211	138,446	114,809	23,637	2,322,574
2,322,574	138,446	113,653	24,793	2,297,781
2,297,781	138,446	112,440	26,006	2,271,775
2,271,775	138,446	111,167	27,279	2,244,496
2,244,496	138,446	109,832	28,614	2,215,882
2,215,882	138,446	108,432	30,014	2,185,868
2,185,868	138,446	106,963	31,483	2,154,385
2,154,385	138,446	105,423	33,023	2,121,362
2,121,362	138,446	103,807	34,639	2,086,722
2,086,722	138,446	102,112	36,334	2,050,388
2,050,388	138,446	100,334	38,112	2,012,276
	3,322,704	2,765,306	557,398	

Table # 5
(Replaces Table A.2.2 in Appendix A)
Amortization Tables -- Continued

FY 2003

Amount to be Amortized	$3,153,914
Yearly Interest	5.477%
Amortization Period	50 Years
Principal & Interest Paymnt	$185,651

(1)	(2)	(3)	(4)	(5)	(6)
	BOP	---- Payments ----			EOP
Fiscal Year	Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
2028	2,495,887	185,651	136,705	48,946	2,446,941
2029	2,446,941	185,651	134,024	51,627	2,395,314
2030	2,395,314	185,651	131,196	54,455	2,340,859
2031	2,340,859	185,651	128,214	57,437	2,283,422
2032	2,283,422	185,651	125,068	60,583	2,222,839
2033	2,222,839	185,651	121,749	63,902	2,158,937
2034	2,158,937	185,651	118,249	67,402	2,091,535
2035	2,091,535	185,651	114,558	71,093	2,020,442
2036	2,020,442	185,651	110,664	74,987	1,945,455
2037	1,945,455	185,651	106,556	79,095	1,866,360
2038	1,866,360	185,651	102,224	83,427	1,782,933
2039	1,782,933	185,651	97,655	87,996	1,694,937
2040	1,694,937	185,651	92,835	92,816	1,602,121
2041	1,602,121	185,651	87,751	97,900	1,504,221
2042	1,504,221	185,651	82,389	103,262	1,400,959
2043	1,400,959	185,651	76,733	108,918	1,292,041
2044	1,292,041	185,651	70,768	114,883	1,177,158
2045	1,177,158	185,651	64,475	121,176	1,055,982
2046	1,055,982	185,651	57,838	127,813	928,169
2047	928,169	185,651	50,838	134,813	793,356
2048	793,356	185,651	43,454	142,197	651,159
2049	651,159	185,651	35,665	149,986	501,173
2050	501,173	185,651	27,450	158,201	342,972
2051	342,972	185,651	18,785	166,866	176,106
2052	176,106	185,752	9,646	176,106	0
2053	0	0	0	0	0
2054	0	0	0	0	0
2055	0	0	0	0	0
2056	0	0	0	0	0
2057	0	0	0	0	0
2058	0	0	0	0	0
Total		9,282,651	6,128,737	3,153,914	

FY 2004

Amount to be Amortized	$2,569,674
Yearly Interest	4.893%
Amortization Period	50 Years
Principal & Interest Paymnt	$138,446

(2)	(3)	(4)	(5)	(6)
BOP	---- Payments ----			EOP
Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
2,012,276	138,446	98,469	39,977	1,972,299
1,972,299	138,446	96,512	41,934	1,930,365
1,930,365	138,446	94,460	43,986	1,886,379
1,886,379	138,446	92,308	46,138	1,840,242
1,840,242	138,446	90,050	48,396	1,791,846
1,791,846	138,446	87,682	50,764	1,741,082
1,741,082	138,446	85,198	53,248	1,687,834
1,687,834	138,446	82,592	55,854	1,631,981
1,631,981	138,446	79,859	58,587	1,573,394
1,573,394	138,446	76,992	61,454	1,511,941
1,511,941	138,446	73,985	64,461	1,447,480
1,447,480	138,446	70,831	67,615	1,379,865
1,379,865	138,446	67,522	70,924	1,308,941
1,308,941	138,446	64,052	74,394	1,234,547
1,234,547	138,446	60,411	78,035	1,156,512
1,156,512	138,446	56,593	81,853	1,074,659
1,074,659	138,446	52,587	85,859	988,800
988,800	138,446	48,386	90,060	898,740
898,740	138,446	43,979	94,467	804,273
804,273	138,446	39,356	99,090	705,184
705,184	138,446	34,507	103,939	601,245
601,245	138,446	29,421	109,025	492,220
492,220	138,446	24,086	114,360	377,861
377,861	138,446	18,490	119,956	257,905
257,905	138,446	12,620	125,826	132,079
132,079	138,542	6,463	132,079	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
	6,922,396	4,352,722	2,569,674	

Table # 5
(Replaces Table A.2.2 in Appendix A)

Amortization Tables for Replacement Capital Advances

FY 2005

Amount to be Amortized	$2,639,725
Yearly Interest	5.125%
Amortization Period	50 Years
Principal & Interest Paymnt	$147,397

(1)	(2)	(3)	(4)	(5)	(6)
	BOP	---- Payments ----			EOP
Fiscal Year	Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
1999	0	0	0	0	0
2000	0	0	0	0	0
2001	0	0	0	0	0
2002	0	0	0	0	0
2003	0	0	0	0	0
2004	0	0	0	0	0
2005	2,639,725	147,397	135,286	12,111	2,627,614
2006	2,627,614	147,397	134,665	12,732	2,614,882
2007	2,614,882	147,397	134,013	13,384	2,601,498
2008	2,601,498	147,397	133,327	14,070	2,587,428
2009	2,587,428	147,397	132,606	14,791	2,572,637
2010	2,572,637	147,397	131,848	15,549	2,557,088
2011	2,557,088	147,397	131,051	16,346	2,540,742
2012	2,540,742	147,397	130,213	17,184	2,523,558
2013	2,523,558	147,397	129,332	18,065	2,505,493
2014	2,505,493	147,397	128,407	18,990	2,486,503
2015	2,486,503	147,397	127,433	19,964	2,466,539
2016	2,466,539	147,397	126,410	20,987	2,445,552
2017	2,445,552	147,397	125,335	22,062	2,423,490
2018	2,423,490	147,397	124,204	23,193	2,400,297
2019	2,400,297	147,397	123,015	24,382	2,375,915
2020	2,375,915	147,397	121,766	25,631	2,350,284
2021	2,350,284	147,397	120,452	26,945	2,323,339
2022	2,323,339	147,397	119,071	28,326	2,295,013
2023	2,295,013	147,397	117,619	29,778	2,265,235
2024	2,265,235	147,397	116,093	31,304	2,233,931
2025	2,233,931	147,397	114,489	32,908	2,201,023
2026	2,201,023	147,397	112,802	34,595	2,166,428
2027	2,166,428	147,397	111,029	36,368	2,130,060
Subtotal		3,390,131	2,880,466	509,665	

FY 2006

Amount to be Amortized	$4,335,357
Yearly Interest	4.875%
Amortization Period	50 Years
Principal & Interest Paymnt	$232,905

(2)	(3)	(4)	(5)	(6)
BOP	---- Payments ----			EOP
Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
4,335,357	232,905	211,349	21,556	4,313,801
4,313,801	232,905	210,298	22,607	4,291,193
4,291,193	232,905	209,196	23,709	4,267,484
4,267,484	232,905	208,040	24,865	4,242,619
4,242,619	232,905	206,828	26,077	4,216,542
4,216,542	232,905	205,556	27,349	4,189,193
4,189,193	232,905	204,223	28,682	4,160,511
4,160,511	232,905	202,825	30,080	4,130,431
4,130,431	232,905	201,359	31,546	4,098,885
4,098,885	232,905	199,821	33,084	4,065,800
4,065,800	232,905	198,208	34,697	4,031,103
4,031,103	232,905	196,516	36,389	3,994,714
3,994,714	232,905	194,742	38,163	3,956,552
3,956,552	232,905	192,882	40,023	3,916,529
3,916,529	232,905	190,931	41,974	3,874,554
3,874,554	232,905	188,885	44,020	3,830,534
3,830,534	232,905	186,739	46,166	3,784,367
3,784,367	232,905	184,488	48,417	3,735,950
3,735,950	232,905	182,128	50,777	3,685,173
3,685,173	232,905	179,652	53,253	3,631,920
3,631,920	232,905	177,056	55,849	3,576,071
3,576,071	232,905	174,333	58,572	3,517,500
	5,123,910	4,306,053	817,857	

Table # 5
(Replaces Table A.2.2 in Appendix A)
Amortization Tables -- Continued

FY 2005

Amount to be Amortized	$2,639,725
Yearly Interest	5.125%
Amortization Period	50 Years
Principal & Interest Paymnt	$147,397

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
2028	2,130,060	147,397	109,166	38,231	2,091,829
2029	2,091,829	147,397	107,206	40,191	2,051,638
2030	2,051,638	147,397	105,146	42,251	2,009,387
2031	2,009,387	147,397	102,981	44,416	1,964,971
2032	1,964,971	147,397	100,705	46,692	1,918,279
2033	1,918,279	147,397	98,312	49,085	1,869,194
2034	1,869,194	147,397	95,796	51,601	1,817,593
2035	1,817,593	147,397	93,152	54,245	1,763,348
2036	1,763,348	147,397	90,372	57,025	1,706,323
2037	1,706,323	147,397	87,449	59,948	1,646,375
2038	1,646,375	147,397	84,377	63,020	1,583,355
2039	1,583,355	147,397	81,147	66,250	1,517,105
2040	1,517,105	147,397	77,752	69,645	1,447,460
2041	1,447,460	147,397	74,182	73,215	1,374,245
2042	1,374,245	147,397	70,430	76,967	1,297,278
2043	1,297,278	147,397	66,485	80,912	1,216,366
2044	1,216,366	147,397	62,339	85,058	1,131,308
2045	1,131,308	147,397	57,980	89,417	1,041,891
2046	1,041,891	147,397	53,397	94,000	947,891
2047	947,891	147,397	48,579	98,818	849,073
2048	849,073	147,397	43,515	103,882	745,191
2049	745,191	147,397	38,191	109,206	635,985
2050	635,985	147,397	32,594	114,803	521,182
2051	521,182	147,397	26,711	120,686	400,496
2052	400,496	147,397	20,525	126,872	273,624
2053	273,624	147,397	14,023	133,374	140,250
2054	140,250	147,438	7,188	140,250	0
2055	0	0	0	0	0
2056	0	0	0	0	0
2057	0	0	0	0	0
2058	0	0	0	0	0
Total		7,369,891	4,730,166	2,639,725	

FY 2006

Amount to be Amortized	$4,335,357
Yearly Interest	4.875%
Amortization Period	50 Years
Principal & Interest Paymnt	$232,905

(2)	(3)	(4)	(5)	(6)
BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
3,517,500	232,905	171,478	61,427	3,456,073
3,456,073	232,905	168,484	64,421	3,391,651
3,391,651	232,905	165,343	67,562	3,324,089
3,324,089	232,905	162,049	70,856	3,253,234
3,253,234	232,905	158,595	74,310	3,178,924
3,178,924	232,905	154,973	77,932	3,100,991
3,100,991	232,905	151,173	81,732	3,019,260
3,019,260	232,905	147,189	85,716	2,933,543
2,933,543	232,905	143,010	89,895	2,843,649
2,843,649	232,905	138,628	94,277	2,749,372
2,749,372	232,905	134,032	98,873	2,650,498
2,650,498	232,905	129,212	103,693	2,546,805
2,546,805	232,905	124,157	108,748	2,438,057
2,438,057	232,905	118,855	114,050	2,324,007
2,324,007	232,905	113,295	119,610	2,204,398
2,204,398	232,905	107,464	125,441	2,078,957
2,078,957	232,905	101,349	131,556	1,947,401
1,947,401	232,905	94,936	137,969	1,809,432
1,809,432	232,905	88,210	144,695	1,664,737
1,664,737	232,905	81,156	151,749	1,512,988
1,512,988	232,905	73,758	159,147	1,353,841
1,353,841	232,905	66,000	166,905	1,186,936
1,186,936	232,905	57,863	175,042	1,011,894
1,011,894	232,905	49,330	183,575	828,318
828,318	232,905	40,381	192,524	635,794
635,794	232,905	30,995	201,910	433,884
433,884	232,905	21,152	211,753	222,131
222,131	232,960	10,829	222,131	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
	11,645,305	7,309,948	4,335,357	

Table # 5
(Replaces Table A.2.2 in Appendix A)

Amortization Tables for Replacement Capital Advances

FY 2007

Amount to be Amortized	$3,318,829
Yearly Interest	4.875%
Amortization Period	50 Years
Principal & Interest Paymnt	$178,295

(1)	(2)	(3)	(4)	(5)	(6)
		---- Payments ----			
Fiscal Year	BOP Remaining Principal $	P&I $	Interest $	Principal $	EOP Remaining Principal $
1999	0	0	0	0	0
2000	0	0	0	0	0
2001	0	0	0	0	0
2002	0	0	0	0	0
2003	0	0	0	0	0
2004	0	0	0	0	0
2005	0	0	0	0	0
2006	0	0	0	0	0
2007	3,318,829	178,295	161,793	16,502	3,302,327
2008	3,302,327	178,295	160,988	17,307	3,285,020
2009	3,285,020	178,295	160,145	18,150	3,266,870
2010	3,266,870	178,295	159,260	19,035	3,247,835
2011	3,247,835	178,295	158,332	19,963	3,227,872
2012	3,227,872	178,295	157,359	20,936	3,206,936
2013	3,206,936	178,295	156,338	21,957	3,184,979
2014	3,184,979	178,295	155,268	23,027	3,161,952
2015	3,161,952	178,295	154,145	24,150	3,137,802
2016	3,137,802	178,295	152,968	25,327	3,112,475
2017	3,112,475	178,295	151,733	26,562	3,085,913
2018	3,085,913	178,295	150,438	27,857	3,058,056
2019	3,058,056	178,295	149,080	29,215	3,028,841
2020	3,028,841	178,295	147,656	30,639	2,998,202
2021	2,998,202	178,295	146,162	32,133	2,966,069
2022	2,966,069	178,295	144,596	33,699	2,932,370
2023	2,932,370	178,295	142,953	35,342	2,897,028
2024	2,897,028	178,295	141,230	37,065	2,859,963
2025	2,859,963	178,295	139,423	38,872	2,821,091
2026	2,821,091	178,295	137,528	40,767	2,780,324
2027	2,780,324	178,295	135,541	42,754	2,737,570
Subtotal		3,744,195	3,162,936	581,259	

FY 2008

Amount to be Amortized	$5,760,722
Yearly Interest	4.500%
Amortization Period	50 Years
Principal & Interest Paymnt	$291,505

(2)	(3)	(4)	(5)	(6)
	---- Payments ----			
BOP Remaining Principal $	P&I $	Interest $	Principal $	EOP Remaining Principal $
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
5,760,722	291,505	259,232	32,273	5,728,449
5,728,449	291,505	257,780	33,725	5,694,725
5,694,725	291,505	256,263	35,242	5,659,482
5,659,482	291,505	254,677	36,828	5,622,654
5,622,654	291,505	253,019	38,486	5,584,168
5,584,168	291,505	251,288	40,217	5,543,951
5,543,951	291,505	249,478	42,027	5,501,924
5,501,924	291,505	247,587	43,918	5,458,005
5,458,005	291,505	245,610	45,895	5,412,111
5,412,111	291,505	243,545	47,960	5,364,151
5,364,151	291,505	241,387	50,118	5,314,032
5,314,032	291,505	239,131	52,374	5,261,659
5,261,659	291,505	236,775	54,730	5,206,929
5,206,929	291,505	234,312	57,193	5,149,735
5,149,735	291,505	231,738	59,767	5,089,968
5,089,968	291,505	229,049	62,456	5,027,512
5,027,512	291,505	226,238	65,267	4,962,245
4,962,245	291,505	223,301	68,204	4,894,041
4,894,041	291,505	220,232	71,273	4,822,768
4,822,768	291,505	217,025	74,480	4,748,287
	5,830,100	4,817,665	1,012,435	

Table # 5
(Replaces Table A.2.2 in Appendix A)
Amortization Tables -- Continued

FY 2007

Amount to be Amortized	$3,318,829
Yearly Interest	4.875%
Amortization Period	50 Years
Principal & Interest Paymnt	$178,295

(1)	(2)	(3)	(4)	(5)	(6)
	BOP	---- Payments ----			EOP
Fiscal Year	Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
2028	2,737,570	178,295	133,457	44,838	2,692,732
2029	2,692,732	178,295	131,271	47,024	2,645,708
2030	2,645,708	178,295	128,978	49,317	2,596,391
2031	2,596,391	178,295	126,574	51,721	2,544,670
2032	2,544,670	178,295	124,053	54,242	2,490,428
2033	2,490,428	178,295	121,408	56,887	2,433,541
2034	2,433,541	178,295	118,635	59,660	2,373,881
2035	2,373,881	178,295	115,727	62,568	2,311,313
2036	2,311,313	178,295	112,677	65,618	2,245,695
2037	2,245,695	178,295	109,478	68,817	2,176,878
2038	2,176,878	178,295	106,123	72,172	2,104,706
2039	2,104,706	178,295	102,604	75,691	2,029,015
2040	2,029,015	178,295	98,914	79,381	1,949,634
2041	1,949,634	178,295	95,045	83,250	1,866,384
2042	1,866,384	178,295	90,986	87,309	1,779,075
2043	1,779,075	178,295	86,730	91,565	1,687,510
2044	1,687,510	178,295	82,266	96,029	1,591,481
2045	1,591,481	178,295	77,585	100,710	1,490,771
2046	1,490,771	178,295	72,675	105,620	1,385,151
2047	1,385,151	178,295	67,526	110,769	1,274,382
2048	1,274,382	178,295	62,126	116,169	1,158,213
2049	1,158,213	178,295	56,463	121,832	1,036,381
2050	1,036,381	178,295	50,524	127,771	908,610
2051	908,610	178,295	44,295	134,000	774,610
2052	774,610	178,295	37,762	140,533	634,077
2053	634,077	178,295	30,911	147,384	486,693
2054	486,693	178,295	23,726	154,569	332,124
2055	332,124	178,295	16,191	162,104	170,020
2056	170,020	178,308	8,288	170,020	0
2057	0	0	0	0	0
2058	0	0	0	0	0
Total		8,914,763	5,595,934	3,318,829	

FY 2008

Amount to be Amortized	$5,760,722
Yearly Interest	4.500%
Amortization Period	50 Years
Principal & Interest Paymnt	$291,505

(2)	(3)	(4)	(5)	(6)
BOP	---- Payments ----			EOP
Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
4,748,287	291,505	213,673	77,832	4,670,455
4,670,455	291,505	210,170	81,335	4,589,121
4,589,121	291,505	206,510	84,995	4,504,126
4,504,126	291,505	202,686	88,819	4,415,307
4,415,307	291,505	198,689	92,816	4,322,491
4,322,491	291,505	194,512	96,993	4,225,498
4,225,498	291,505	190,147	101,358	4,124,140
4,124,140	291,505	185,586	105,919	4,018,222
4,018,222	291,505	180,820	110,685	3,907,537
3,907,537	291,505	175,839	115,666	3,791,871
3,791,871	291,505	170,634	120,871	3,671,000
3,671,000	291,505	165,195	126,310	3,544,690
3,544,690	291,505	159,511	131,994	3,412,696
3,412,696	291,505	153,571	137,934	3,274,762
3,274,762	291,505	147,364	144,141	3,130,622
3,130,622	291,505	140,878	150,627	2,979,995
2,979,995	291,505	134,100	157,405	2,822,589
2,822,589	291,505	127,017	164,488	2,658,101
2,658,101	291,505	119,615	171,890	2,486,210
2,486,210	291,505	111,879	179,626	2,306,585
2,306,585	291,505	103,796	187,709	2,118,876
2,118,876	291,505	95,349	196,156	1,922,721
1,922,721	291,505	86,522	204,983	1,717,738
1,717,738	291,505	77,298	214,207	1,503,531
1,503,531	291,505	67,659	223,846	1,279,685
1,279,685	291,505	57,586	233,919	1,045,766
1,045,766	291,505	47,059	244,446	801,320
801,320	291,505	36,059	255,446	545,875
545,875	291,505	24,564	266,941	278,934
278,934	291,486	12,552	278,934	0
0	0	0	0	0
	14,575,231	8,814,509	5,760,722	

Table # 5
(Replaces Table A.2.2 in Appendix A)

Amortization Tables for
Replacement Capital Advances

Notes:

Col. (1) This column displays the first Fiscal Year through the last Fiscal Year of the amortization period for each capitalized replacement expense.

Col. (2) This column displays the Beginning of Period (BOP) remaining principal, which first equals the "Total Amount to be Amortized" fromTable #4 for the corresponding Fiscal Year. It is then reduced in the next Fiscal Year by the amount of principal paid in that Fiscal Year as shown in Column 5.

Col. (3) This column displays the Principal and interest (P&I) which reflects the amortization schedule required to pay off the Replacement Capital Advances at the current interest rate over a 50 year repayment period beginning in the Fiscal Year following the investment going into service, as described in Section 6.3(b).

Col. (4) This column displays the amount of interest for a given Fiscal Year which is the product of the current interest rate and the BOP remaining principal shown in Column 1. The current interest rate is specified at the beginning of each amortization schedule.

Col. (5) This column displays the Principal which equals P&I from Column 3 minus Interest from Column 4. The cumulative sum of the Column 5 values for each Fiscal Year is the annual principal recovered if replacements were funded by appropriations, as shown in Column 2 of Table #6.

Col. (6) This column displays the End of Period (EOP) remaining principal which equals the BOP remaining principal shown in Column 2 minus the principal paid shown in Column 5.

Table 5 – 2009-2017

Table # 5
(Replaces Table A.2.2 in Appendix A)
Amortization Tables for Replacement Capital Advances

FY 2009

Amount to be Amortized	$6,908,500
Yearly Interest	4.500%
Amortization Period	50 Years
Principal & Interest Paymnt	$349,585

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
2009	6,908,500	349,585	310,883	38,702	6,869,798
2010	6,869,798	349,585	309,141	40,444	6,829,354
2011	6,829,354	349,585	307,321	42,264	6,787,090
2012	6,787,090	349,585	305,419	44,166	6,742,924
2013	6,742,924	349,585	303,432	46,153	6,696,771
2014	6,696,771	349,585	301,355	48,230	6,648,541
2015	6,648,541	349,585	299,184	50,401	6,598,140
2016	6,598,140	349,585	296,916	52,669	6,545,471
2017	6,545,471	349,585	294,546	55,039	6,490,432
2018	6,490,432	349,585	292,069	57,516	6,432,916
2019	6,432,916	349,585	289,481	60,104	6,372,812
2020	6,372,812	349,585	286,777	62,808	6,310,004
2021	6,310,004	349,585	283,950	65,635	6,244,369
2022	6,244,369	349,585	280,997	68,588	6,175,781
2023	6,175,781	349,585	277,910	71,675	6,104,106
2024	6,104,106	349,585	274,685	74,900	6,029,206
2025	6,029,206	349,585	271,314	78,271	5,950,935
2026	5,950,935	349,585	267,792	81,793	5,869,142
2027	5,869,142	349,585	264,111	85,474	5,783,668
2028	5,783,668	349,585	260,265	89,320	5,694,348
2029	5,694,348	349,585	256,246	93,339	5,601,009
2030	5,601,009	349,585	252,045	97,540	5,503,469
2031	5,503,469	349,585	247,656	101,929	5,401,540
2032	5,401,540	349,585	243,069	106,516	5,295,024
2033	5,295,024	349,585	238,276	111,309	5,183,715
2034	5,183,715	349,585	233,267	116,318	5,067,397
2035	5,067,397	349,585	228,033	121,552	4,945,845
2036	4,945,845	349,585	222,563	127,022	4,818,823
2037	4,818,823	349,585	216,847	132,738	4,686,085
Subtotal		10,137,965	7,915,550	2,222,415	

FY 2010

Amount to be Amortized	$6,140,371
Yearly Interest	4.000%
Amortization Period	50 Years
Principal & Interest Paymnt	$285,836

(2)	(3)	(4)	(5)	(6)
BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
0	0	0	0	0
6,140,371	285,836	245,615	40,221	6,100,150
6,100,150	285,836	244,006	41,830	6,058,320
6,058,320	285,836	242,333	43,503	6,014,817
6,014,817	285,836	240,593	45,243	5,969,574
5,969,574	285,836	238,783	47,053	5,922,521
5,922,521	285,836	236,901	48,935	5,873,586
5,873,586	285,836	234,943	50,893	5,822,693
5,822,693	285,836	232,908	52,928	5,769,765
5,769,765	285,836	230,791	55,045	5,714,720
5,714,720	285,836	228,589	57,247	5,657,473
5,657,473	285,836	226,299	59,537	5,597,936
5,597,936	285,836	223,917	61,919	5,536,017
5,536,017	285,836	221,441	64,395	5,471,622
5,471,622	285,836	218,865	66,971	5,404,651
5,404,651	285,836	216,186	69,650	5,335,001
5,335,001	285,836	213,400	72,436	5,262,565
5,262,565	285,836	210,503	75,333	5,187,232
5,187,232	285,836	207,489	78,347	5,108,885
5,108,885	285,836	204,355	81,481	5,027,404
5,027,404	285,836	201,096	84,740	4,942,664
4,942,664	285,836	197,707	88,129	4,854,535
4,854,535	285,836	194,181	91,655	4,762,880
4,762,880	285,836	190,515	95,321	4,667,559
4,667,559	285,836	186,702	99,134	4,568,425
4,568,425	285,836	182,737	103,099	4,465,326
4,465,326	285,836	178,613	107,223	4,358,103
4,358,103	285,836	174,324	111,512	4,246,591
4,246,591	285,836	169,864	115,972	4,130,619
	8,003,408	5,993,656	2,009,752	

Table # 5
(Replaces Table A.2.2 in Appendix A)
Amortization Tables -- Continued

FY 2009

Amount to be Amortized	$6,908,500
Yearly Interest	4.500%
Amortization Period	50 Years
Principal & Interest Paymnt	$349,585

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
2038	4,686,085	349,585	210,874	138,711	4,547,374
2039	4,547,374	349,585	204,632	144,953	4,402,421
2040	4,402,421	349,585	198,109	151,476	4,250,945
2041	4,250,945	349,585	191,293	158,292	4,092,653
2042	4,092,653	349,585	184,169	165,416	3,927,237
2043	3,927,237	349,585	176,726	172,859	3,754,378
2044	3,754,378	349,585	168,947	180,638	3,573,740
2045	3,573,740	349,585	160,818	188,767	3,384,973
2046	3,384,973	349,585	152,324	197,261	3,187,712
2047	3,187,712	349,585	143,447	206,138	2,981,574
2048	2,981,574	349,585	134,171	215,414	2,766,160
2049	2,766,160	349,585	124,477	225,108	2,541,052
2050	2,541,052	349,585	114,347	235,238	2,305,814
2051	2,305,814	349,585	103,762	245,823	2,059,991
2052	2,059,991	349,585	92,700	256,885	1,803,106
2053	1,803,106	349,585	81,140	268,445	1,534,661
2054	1,534,661	349,585	69,060	280,525	1,254,136
2055	1,254,136	349,585	56,436	293,149	960,987
2056	960,987	349,585	43,244	306,341	654,646
2057	654,646	349,585	29,459	320,126	334,520
2058	334,520	349,573	15,053	334,520	0
2059	0	0	0	0	0
2060	0	0	0	0	0
2061	0	0	0	0	0
2062	0	0	0	0	0
2063	0	0	0	0	0
2064	0	0	0	0	0
2065	0	0	0	0	0
2066	0	0	0	0	0
2067	0	0	0	0	0
2068	0	0	0	0	0
Total		17,479,238	10,570,738	6,908,500	

FY 2010

Amount to be Amortized	$6,140,371
Yearly Interest	4.000%
Amortization Period	50 Years
Principal & Interest Paymnt	$285,836

(2)	(3)	(4)	(5)	(6)
BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
4,130,619	285,836	165,225	120,611	4,010,008
4,010,008	285,836	160,400	125,436	3,884,572
3,884,572	285,836	155,383	130,453	3,754,119
3,754,119	285,836	150,165	135,671	3,618,448
3,618,448	285,836	144,738	141,098	3,477,350
3,477,350	285,836	139,094	146,742	3,330,608
3,330,608	285,836	133,224	152,612	3,177,996
3,177,996	285,836	127,120	158,716	3,019,280
3,019,280	285,836	120,771	165,065	2,854,215
2,854,215	285,836	114,169	171,667	2,682,548
2,682,548	285,836	107,302	178,534	2,504,014
2,504,014	285,836	100,161	185,675	2,318,339
2,318,339	285,836	92,734	193,102	2,125,237
2,125,237	285,836	85,009	200,827	1,924,410
1,924,410	285,836	76,976	208,860	1,715,550
1,715,550	285,836	68,622	217,214	1,498,336
1,498,336	285,836	59,933	225,903	1,272,433
1,272,433	285,836	50,897	234,939	1,037,494
1,037,494	285,836	41,500	244,336	793,158
793,158	285,836	31,726	254,110	539,048
539,048	285,836	21,562	264,274	274,774
274,774	285,765	10,991	274,774	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
	14,291,729	8,151,358	6,140,371	

Table # 5
(Replaces Table A.2.2 in Appendix A)
Amortization Tables -- Continued

FY 2011

Amount to be Amortized	$6,283,219
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$300,645

(1)	(2)	(3)	(4)	(5)	(6)
		---- Payments ----			
Fiscal Year	BOP Remaining Principal $	P&I $	Interest $	Principal $	EOP Remaining Principal $
2038	4,395,819	300,645	182,954	117,691	4,278,128
2039	4,278,128	300,645	178,056	122,589	4,155,539
2040	4,155,539	300,645	172,954	127,691	4,027,848
2041	4,027,848	300,645	167,639	133,006	3,894,842
2042	3,894,842	300,645	162,103	138,542	3,756,300
2043	3,756,300	300,645	156,337	144,308	3,611,992
2044	3,611,992	300,645	150,331	150,314	3,461,678
2045	3,461,678	300,645	144,075	156,570	3,305,108
2046	3,305,108	300,645	137,559	163,086	3,142,022
2047	3,142,022	300,645	130,771	169,874	2,972,148
2048	2,972,148	300,645	123,701	176,944	2,795,204
2049	2,795,204	300,645	116,336	184,309	2,610,895
2050	2,610,895	300,645	108,665	191,980	2,418,915
2051	2,418,915	300,645	100,675	199,970	2,218,945
2052	2,218,945	300,645	92,352	208,293	2,010,652
2053	2,010,652	300,645	83,683	216,962	1,793,690
2054	1,793,690	300,645	74,653	225,992	1,567,698
2055	1,567,698	300,645	65,248	235,397	1,332,301
2056	1,332,301	300,645	55,450	245,195	1,087,106
2057	1,087,106	300,645	45,245	255,400	831,706
2058	831,706	300,645	34,616	266,029	565,677
2059	565,677	300,645	23,543	277,102	288,575
2060	288,575	300,585	12,010	288,575	0
2061	0	0	0	0	0
2062	0	0	0	0	0
2063	0	0	0	0	0
2064	0	0	0	0	0
2065	0	0	0	0	0
2066	0	0	0	0	0
2067	0	0	0	0	0
2068	0	0	0	0	0
Total		6,914,775	2,518,956	4,395,819	

FY 2012

Amount to be Amortized	$5,179,890
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$247,852

(2)	(3)	(4)	(5)	(6)
	---- Payments ----			
BOP Remaining Principal $	P&I $	Interest $	Principal $	EOP Remaining Principal $
3,717,060	247,852	154,704	93,148	3,623,912
3,623,912	247,852	150,827	97,025	3,526,887
3,526,887	247,852	146,789	101,063	3,425,824
3,425,824	247,852	142,583	105,269	3,320,555
3,320,555	247,852	138,201	109,651	3,210,904
3,210,904	247,852	133,638	114,214	3,096,690
3,096,690	247,852	128,884	118,968	2,977,722
2,977,722	247,852	123,933	123,919	2,853,803
2,853,803	247,852	118,775	129,077	2,724,726
2,724,726	247,852	113,403	134,449	2,590,277
2,590,277	247,852	107,807	140,045	2,450,233
2,450,233	247,852	101,979	145,873	2,304,359
2,304,359	247,852	95,907	151,945	2,152,415
2,152,415	247,852	89,584	158,268	1,994,146
1,994,146	247,852	82,996	164,856	1,829,291
1,829,291	247,852	76,135	171,717	1,657,574
1,657,574	247,852	68,988	178,864	1,478,710
1,478,710	247,852	61,544	186,308	1,292,402
1,292,402	247,852	53,790	194,062	1,098,340
1,098,340	247,852	45,713	202,139	896,200
896,200	247,852	37,300	210,552	685,648
685,648	247,852	28,537	219,315	466,333
466,333	247,852	19,409	228,443	237,890
237,890	247,791	9,901	237,890	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
	5,948,387	2,231,327	3,717,060	

Table # 5
(Replaces Table A.2.2 in Appendix A)
Amortization Tables for Replacement Capital Advances

FY 2011

Amount to be Amortized	$6,283,219
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$300,645

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
2009	0	0	0	0	0
2010	0	0	0	0	0
2011	6,283,219	300,645	261,508	39,137	6,244,082
2012	6,244,082	300,645	259,879	40,766	6,203,316
2013	6,203,316	300,645	258,182	42,463	6,160,853
2014	6,160,853	300,645	256,415	44,230	6,116,623
2015	6,116,623	300,645	254,574	46,071	6,070,552
2016	6,070,552	300,645	252,656	47,989	6,022,563
2017	6,022,563	300,645	250,659	49,986	5,972,577
2018	5,972,577	300,645	248,579	52,066	5,920,511
2019	5,920,511	300,645	246,412	54,233	5,866,278
2020	5,866,278	300,645	244,154	56,491	5,809,787
2021	5,809,787	300,645	241,803	58,842	5,750,945
2022	5,750,945	300,645	239,354	61,291	5,689,654
2023	5,689,654	300,645	236,803	63,842	5,625,812
2024	5,625,812	300,645	234,146	66,499	5,559,313
2025	5,559,313	300,645	231,379	69,266	5,490,047
2026	5,490,047	300,645	228,496	72,149	5,417,898
2027	5,417,898	300,645	225,493	75,152	5,342,746
2028	5,342,746	300,645	222,365	78,280	5,264,466
2029	5,264,466	300,645	219,107	81,538	5,182,928
2030	5,182,928	300,645	215,713	84,932	5,097,996
2031	5,097,996	300,645	212,179	88,466	5,009,530
2032	5,009,530	300,645	208,497	92,148	4,917,382
2033	4,917,382	300,645	204,661	95,984	4,821,398
2034	4,821,398	300,645	200,667	99,978	4,721,420
2035	4,721,420	300,645	196,506	104,139	4,617,281
2036	4,617,281	300,645	192,171	108,474	4,508,807
2037	4,508,807	300,645	187,657	112,988	4,395,819
Subtotal		8,117,415	6,230,015	1,887,400	

FY 2012

Amount to be Amortized	$5,179,890
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$247,852

(2)	(3)	(4)	(5)	(6)
BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
5,179,890	247,852	215,587	32,265	5,147,625
5,147,625	247,852	214,244	33,608	5,114,017
5,114,017	247,852	212,845	35,007	5,079,011
5,079,011	247,852	211,388	36,464	5,042,547
5,042,547	247,852	209,871	37,981	5,004,566
5,004,566	247,852	208,290	39,562	4,965,004
4,965,004	247,852	206,643	41,209	4,923,795
4,923,795	247,852	204,928	42,924	4,880,872
4,880,872	247,852	203,142	44,710	4,836,161
4,836,161	247,852	201,281	46,571	4,789,591
4,789,591	247,852	199,343	48,509	4,741,081
4,741,081	247,852	197,324	50,528	4,690,553
4,690,553	247,852	195,221	52,631	4,637,922
4,637,922	247,852	193,030	54,822	4,583,100
4,583,100	247,852	190,749	57,103	4,525,997
4,525,997	247,852	188,372	59,480	4,466,517
4,466,517	247,852	185,896	61,956	4,404,561
4,404,561	247,852	183,318	64,534	4,340,027
4,340,027	247,852	180,632	67,220	4,272,807
4,272,807	247,852	177,834	70,018	4,202,789
4,202,789	247,852	174,920	72,932	4,129,857
4,129,857	247,852	171,885	75,967	4,053,890
4,053,890	247,852	168,723	79,129	3,974,761
3,974,761	247,852	165,430	82,422	3,892,338
3,892,338	247,852	161,999	85,853	3,806,486
3,806,486	247,852	158,426	89,426	3,717,060
	6,444,152	4,981,322	1,462,830	

Table # 5
(Replaces Table A.2.2 in Appendix A)
Amortization Tables for Replacement Capital Advances

FY 2013

Amount to be Amortized	$12,464,640
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$596,418

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
2009	0	0	0	0	0
2010	0	0	0	0	0
2011	0	0	0	0	0
2012	0	0	0	0	0
2013	12,464,640	596,418	518,778	77,640	12,387,000
2014	12,387,000	596,418	515,547	80,871	12,306,129
2015	12,306,129	596,418	512,181	84,237	12,221,892
2016	12,221,892	596,418	508,675	87,743	12,134,149
2017	12,134,149	596,418	505,023	91,395	12,042,754
2018	12,042,754	596,418	501,219	95,199	11,947,555
2019	11,947,555	596,418	497,257	99,161	11,848,394
2020	11,848,394	596,418	493,130	103,288	11,745,106
2021	11,745,106	596,418	488,831	107,587	11,637,519
2022	11,637,519	596,418	484,354	112,064	11,525,455
2023	11,525,455	596,418	479,689	116,729	11,408,726
2024	11,408,726	596,418	474,831	121,587	11,287,139
2025	11,287,139	596,418	469,771	126,647	11,160,492
2026	11,160,492	596,418	464,500	131,918	11,028,574
2027	11,028,574	596,418	459,009	137,409	10,891,165
2028	10,891,165	596,418	453,290	143,128	10,748,037
2029	10,748,037	596,418	447,333	149,085	10,598,952
2030	10,598,952	596,418	441,128	155,290	10,443,662
2031	10,443,662	596,418	434,665	161,753	10,281,909
2032	10,281,909	596,418	427,933	168,485	10,113,424
2033	10,113,424	596,418	420,921	175,497	9,937,927
2034	9,937,927	596,418	413,617	182,801	9,755,126
2035	9,755,126	596,418	406,008	190,410	9,564,716
2036	9,564,716	596,418	398,083	198,335	9,366,381
2037	9,366,381	596,418	389,829	206,589	9,159,792
Subtotal		14,910,450	11,605,602	3,304,848	

FY 2014

Amount to be Amortized	$9,988,771
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$477,951

(2)	(3)	(4)	(5)	(6)
BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
9,988,771	477,951	415,733	62,218	9,926,553
9,926,553	477,951	413,143	64,808	9,861,745
9,861,745	477,951	410,446	67,505	9,794,240
9,794,240	477,951	407,636	70,315	9,723,925
9,723,925	477,951	404,710	73,241	9,650,684
9,650,684	477,951	401,661	76,290	9,574,394
9,574,394	477,951	398,486	79,465	9,494,930
9,494,930	477,951	395,179	82,772	9,412,158
9,412,158	477,951	391,734	86,217	9,325,941
9,325,941	477,951	388,146	89,805	9,236,135
9,236,135	477,951	384,408	93,543	9,142,592
9,142,592	477,951	380,515	97,436	9,045,156
9,045,156	477,951	376,459	101,492	8,943,664
8,943,664	477,951	372,235	105,716	8,837,949
8,837,949	477,951	367,835	110,116	8,727,833
8,727,833	477,951	363,252	114,699	8,613,135
8,613,135	477,951	358,479	119,472	8,493,662
8,493,662	477,951	353,506	124,445	8,369,217
8,369,217	477,951	348,327	129,624	8,239,593
8,239,593	477,951	342,932	135,019	8,104,574
8,104,574	477,951	337,312	140,639	7,963,936
7,963,936	477,951	331,459	146,492	7,817,444
7,817,444	477,951	325,362	152,589	7,664,855
7,664,855	477,951	319,011	158,940	7,505,915
	11,470,824	8,987,968	2,482,856	

Table # 5
(Replaces Table A.2.2 in Appendix A)
Amortization Tables -- Continued

FY 2013

Amount to be Amortized	$12,464,640
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$596,418

(1)	(2)	(3)	(4)	(5)	(6)
		---- Payments ----			
Fiscal Year	BOP Remaining Principal $	P&I $	Interest $	Principal $	EOP Remaining Principal $
2038	9,159,792	596,418	381,231	215,187	8,944,605
2039	8,944,605	596,418	372,274	224,144	8,720,461
2040	8,720,461	596,418	362,946	233,472	8,486,989
2041	8,486,989	596,418	353,228	243,190	8,243,799
2042	8,243,799	596,418	343,107	253,311	7,990,488
2043	7,990,488	596,418	332,564	263,854	7,726,634
2044	7,726,634	596,418	321,583	274,835	7,451,799
2045	7,451,799	596,418	310,144	286,274	7,165,525
2046	7,165,525	596,418	298,229	298,189	6,867,336
2047	6,867,336	596,418	285,819	310,599	6,556,737
2048	6,556,737	596,418	272,891	323,527	6,233,210
2049	6,233,210	596,418	259,426	336,992	5,896,218
2050	5,896,218	596,418	245,401	351,017	5,545,201
2051	5,545,201	596,418	230,791	365,627	5,179,574
2052	5,179,574	596,418	215,574	380,844	4,798,730
2053	4,798,730	596,418	199,723	396,695	4,402,035
2054	4,402,035	596,418	183,213	413,205	3,988,830
2055	3,988,830	596,418	166,015	430,403	3,558,427
2056	3,558,427	596,418	148,102	448,316	3,110,111
2057	3,110,111	596,418	129,443	466,975	2,643,136
2058	2,643,136	596,418	110,007	486,411	2,156,725
2059	2,156,725	596,418	89,763	506,655	1,650,070
2060	1,650,070	596,418	68,676	527,742	1,122,328
2061	1,122,328	596,418	46,711	549,707	572,621
2062	572,621	596,453	23,832	572,621	0
2063	0	0	0	0	0
2064	0	0	0	0	0
2065	0	0	0	0	0
2066	0	0	0	0	0
2067	0	0	0	0	0
2068	0	0	0	0	0
Total		14,910,485	5,750,693	9,159,792	

FY 2014

Amount to be Amortized	$9,988,771
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$477,951

(2)	(3)	(4)	(5)	(6)
	---- Payments ----			
BOP Remaining Principal $	P&I $	Interest $	Principal $	EOP Remaining Principal $
7,505,915	477,951	312,396	165,555	7,340,360
7,340,360	477,951	305,506	172,445	7,167,915
7,167,915	477,951	298,329	179,622	6,988,292
6,988,292	477,951	290,853	187,098	6,801,194
6,801,194	477,951	283,066	194,885	6,606,309
6,606,309	477,951	274,955	202,996	6,403,312
6,403,312	477,951	266,506	211,445	6,191,867
6,191,867	477,951	257,706	220,245	5,971,622
5,971,622	477,951	248,539	229,412	5,742,210
5,742,210	477,951	238,991	238,960	5,503,249
5,503,249	477,951	229,045	248,906	5,254,344
5,254,344	477,951	218,686	259,265	4,995,078
4,995,078	477,951	207,895	270,056	4,725,023
4,725,023	477,951	196,655	281,296	4,443,727
4,443,727	477,951	184,948	293,003	4,150,724
4,150,724	477,951	172,753	305,198	3,845,526
3,845,526	477,951	160,051	317,900	3,527,626
3,527,626	477,951	146,820	331,131	3,196,495
3,196,495	477,951	133,038	344,913	2,851,582
2,851,582	477,951	118,683	359,268	2,492,314
2,492,314	477,951	103,730	374,221	2,118,093
2,118,093	477,951	88,155	389,796	1,728,297
1,728,297	477,951	71,932	406,019	1,322,278
1,322,278	477,951	55,033	422,918	899,360
899,360	477,951	37,431	440,520	458,840
458,840	477,937	19,097	458,840	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
	12,426,712	4,920,797	7,505,915	

Table # 5
(Replaces Table A.2.2 in Appendix A)

Amortization Tables for Replacement Capital Advances

FY 2015

Amount to be Amortized	$8,485,440
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$406,018

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	BOP Remaining Principal $	---- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
2009	0	0	0	0	0
2010	0	0	0	0	0
2011	0	0	0	0	0
2012	0	0	0	0	0
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	8,485,440	406,018	353,164	52,854	8,432,586
2016	8,432,586	406,018	350,964	55,054	8,377,532
2017	8,377,532	406,018	348,673	57,345	8,320,187
2018	8,320,187	406,018	346,286	59,732	8,260,455
2019	8,260,455	406,018	343,800	62,218	8,198,237
2020	8,198,237	406,018	341,211	64,807	8,133,430
2021	8,133,430	406,018	338,513	67,505	8,065,925
2022	8,065,925	406,018	335,704	70,314	7,995,611
2023	7,995,611	406,018	332,777	73,241	7,922,370
2024	7,922,370	406,018	329,729	76,289	7,846,081
2025	7,846,081	406,018	326,554	79,464	7,766,617
2026	7,766,617	406,018	323,247	82,771	7,683,846
2027	7,683,846	406,018	319,802	86,216	7,597,630
2028	7,597,630	406,018	316,213	89,805	7,507,825
2029	7,507,825	406,018	312,476	93,542	7,414,283
2030	7,414,283	406,018	308,582	97,436	7,316,847
2031	7,316,847	406,018	304,527	101,491	7,215,356
2032	7,215,356	406,018	300,303	105,715	7,109,641
2033	7,109,641	406,018	295,903	110,115	6,999,526
2034	6,999,526	406,018	291,320	114,698	6,884,828
2035	6,884,828	406,018	286,547	119,471	6,765,357
2036	6,765,357	406,018	281,574	124,444	6,640,913
2037	6,640,913	406,018	276,395	129,623	6,511,290
Subtotal		9,338,414	7,364,264	1,974,150	

FY 2016

Amount to be Amortized	$10,381,440
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$496,740

(2)	(3)	(4)	(5)	(6)
BOP Remaining Principal $	-- Payments ---- P&I $	Interest $	Principal $	EOP Remaining Principal $
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
10,381,440	496,740	432,076	64,664	10,316,776
10,316,776	496,740	429,384	67,356	10,249,420
10,249,420	496,740	426,581	70,159	10,179,261
10,179,261	496,740	423,661	73,079	10,106,182
10,106,182	496,740	420,619	76,121	10,030,061
10,030,061	496,740	417,451	79,289	9,950,772
9,950,772	496,740	414,151	82,589	9,868,184
9,868,184	496,740	410,714	86,026	9,782,157
9,782,157	496,740	407,133	89,607	9,692,551
9,692,551	496,740	403,404	93,336	9,599,215
9,599,215	496,740	399,519	97,221	9,501,994
9,501,994	496,740	395,473	101,267	9,400,727
9,400,727	496,740	391,258	105,482	9,295,245
9,295,245	496,740	386,868	109,872	9,185,373
9,185,373	496,740	382,295	114,445	9,070,929
9,070,929	496,740	377,532	119,208	8,951,721
8,951,721	496,740	372,571	124,169	8,827,551
8,827,551	496,740	367,403	129,337	8,698,214
8,698,214	496,740	362,020	134,720	8,563,494
8,563,494	496,740	356,413	140,327	8,423,166
8,423,166	496,740	350,572	146,168	8,276,998
8,276,998	496,740	344,489	152,251	8,124,747
	10,928,280	8,671,587	2,256,693	

Table # 5
(Replaces Table A.2.2 in Appendix A)
Amortization Tables -- Continued

FY 2015

Amount to be Amortized	$8,485,440
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$406,018

(1)	(2)	(3)	(4)	(5)	(6)
Fiscal Year	BOP Remaining Principal $	Payments P&I $	Payments Interest $	Payments Principal $	EOP Remaining Principal $
2038	6,511,290	406,018	271,000	135,018	6,376,272
2039	6,376,272	406,018	265,380	140,638	6,235,634
2040	6,235,634	406,018	259,527	146,491	6,089,143
2041	6,089,143	406,018	253,430	152,588	5,936,555
2042	5,936,555	406,018	247,079	158,939	5,777,616
2043	5,777,616	406,018	240,464	165,554	5,612,062
2044	5,612,062	406,018	233,574	172,444	5,439,618
2045	5,439,618	406,018	226,397	179,621	5,259,997
2046	5,259,997	406,018	218,921	187,097	5,072,900
2047	5,072,900	406,018	211,134	194,884	4,878,016
2048	4,878,016	406,018	203,023	202,995	4,675,021
2049	4,675,021	406,018	194,574	211,444	4,463,577
2050	4,463,577	406,018	185,774	220,244	4,243,333
2051	4,243,333	406,018	176,608	229,410	4,013,923
2052	4,013,923	406,018	167,059	238,959	3,774,964
2053	3,774,964	406,018	157,114	248,904	3,526,060
2054	3,526,060	406,018	146,755	259,263	3,266,797
2055	3,266,797	406,018	135,964	270,054	2,996,743
2056	2,996,743	406,018	124,724	281,294	2,715,449
2057	2,715,449	406,018	113,017	293,001	2,422,448
2058	2,422,448	406,018	100,822	305,196	2,117,252
2059	2,117,252	406,018	88,120	317,898	1,799,354
2060	1,799,354	406,018	74,889	331,129	1,468,225
2061	1,468,225	406,018	61,108	344,910	1,123,315
2062	1,123,315	406,018	46,752	359,266	764,049
2063	764,049	406,018	31,800	374,218	389,831
2064	389,831	406,056	16,225	389,831	0
2065	0	0	0	0	0
2066	0	0	0	0	0
2067	0	0	0	0	0
2068	0	0	0	0	0
Total		10,962,524	4,451,234	6,511,290	

FY 2016

Amount to be Amortized	$10,381,440
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$496,740

(2)	(3)	(4)	(5)	(6)
BOP Remaining Principal $	Payments P&I $	Payments Interest $	Payments Principal $	EOP Remaining Principal $
8,124,747	496,740	338,152	158,588	7,966,159
7,966,159	496,740	331,552	165,188	7,800,971
7,800,971	496,740	324,676	172,064	7,628,907
7,628,907	496,740	317,515	179,225	7,449,682
7,449,682	496,740	310,056	186,684	7,262,998
7,262,998	496,740	302,286	194,454	7,068,544
7,068,544	496,740	294,193	202,547	6,865,997
6,865,997	496,740	285,763	210,977	6,655,019
6,655,019	496,740	276,982	219,758	6,435,261
6,435,261	496,740	267,836	228,904	6,206,357
6,206,357	496,740	258,309	238,431	5,967,925
5,967,925	496,740	248,385	248,355	5,719,570
5,719,570	496,740	238,049	258,691	5,460,879
5,460,879	496,740	227,282	269,458	5,191,421
5,191,421	496,740	216,067	280,673	4,910,748
4,910,748	496,740	204,385	292,355	4,618,393
4,618,393	496,740	192,218	304,522	4,313,871
4,313,871	496,740	179,543	317,197	3,996,674
3,996,674	496,740	166,342	330,398	3,666,275
3,666,275	496,740	152,590	344,150	3,322,126
3,322,126	496,740	138,267	358,473	2,963,653
2,963,653	496,740	123,347	373,393	2,590,260
2,590,260	496,740	107,807	388,933	2,201,326
2,201,326	496,740	91,619	405,121	1,796,206
1,796,206	496,740	74,758	421,982	1,374,224
1,374,224	496,740	57,195	439,545	934,679
934,679	496,740	38,901	457,839	476,840
476,840	496,686	19,846	476,840	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
	13,908,666	5,783,919	8,124,747	

Table # 5
(Replaces Table A.2.2 in Appendix A)

Amortization Tables for Replacement Capital Advances

FY 2017

Amount to be Amortized	$10,800,000
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$516,767

(1)	(2)	(3)	(4)	(5)	(6)
		---- Payments ----			
Fiscal Year	BOP Remaining Principal $	P&I $	Interest $	Principal $	EOP Remaining Principal $
2009	0	0	0	0	0
2010	0	0	0	0	0
2011	0	0	0	0	0
2012	0	0	0	0	0
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	10,800,000	516,767	449,496	67,271	10,732,729
2018	10,732,729	516,767	446,696	70,071	10,662,658
2019	10,662,658	516,767	443,780	72,987	10,589,671
2020	10,589,671	516,767	440,742	76,025	10,513,646
2021	10,513,646	516,767	437,578	79,189	10,434,457
2022	10,434,457	516,767	434,282	82,485	10,351,972
2023	10,351,972	516,767	430,849	85,918	10,266,054
2024	10,266,054	516,767	427,273	89,494	10,176,560
2025	10,176,560	516,767	423,548	93,219	10,083,341
2026	10,083,341	516,767	419,669	97,098	9,986,243
2027	9,986,243	516,767	415,627	101,140	9,885,103
2028	9,885,103	516,767	411,418	105,349	9,779,754
2029	9,779,754	516,767	407,033	109,734	9,670,020
2030	9,670,020	516,767	402,466	114,301	9,555,719
2031	9,555,719	516,767	397,709	119,058	9,436,661
2032	9,436,661	516,767	392,754	124,013	9,312,648
2033	9,312,648	516,767	387,592	129,175	9,183,473
2034	9,183,473	516,767	382,216	134,551	9,048,922
2035	9,048,922	516,767	376,616	140,151	8,908,771
2036	8,908,771	516,767	370,783	145,984	8,762,787
2037	8,762,787	516,767	364,707	152,060	8,610,727
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Subtotal		10,852,107	8,662,834	2,189,273	

Table # 5
(Replaces Table A.2.2 in Appendix A)
Amortization Tables -- Continued

FY 2017

Amount to be Amortized	$10,800,000
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$516,767

(1)	(2)	(3)	(4)	(5)	(6)
		----- Payments -----			
Fiscal Year	BOP Remaining Principal $	P&I $	Interest $	Principal $	EOP Remaining Principal $
2038	8,610,727	516,767	358,378	158,389	8,452,338
2039	8,452,338	516,767	351,786	164,981	8,287,357
2040	8,287,357	516,767	344,920	171,847	8,115,510
2041	8,115,510	516,767	337,768	178,999	7,936,511
2042	7,936,511	516,767	330,318	186,449	7,750,062
2043	7,750,062	516,767	322,558	194,209	7,555,853
2044	7,555,853	516,767	314,475	202,292	7,353,561
2045	7,353,561	516,767	306,055	210,712	7,142,849
2046	7,142,849	516,767	297,285	219,482	6,923,367
2047	6,923,367	516,767	288,151	228,616	6,694,751
2048	6,694,751	516,767	278,636	238,131	6,456,620
2049	6,456,620	516,767	268,725	248,042	6,208,578
2050	6,208,578	516,767	258,401	258,366	5,950,212
2051	5,950,212	516,767	247,648	269,119	5,681,093
2052	5,681,093	516,767	236,447	280,320	5,400,773
2053	5,400,773	516,767	224,780	291,987	5,108,786
2054	5,108,786	516,767	212,628	304,139	4,804,647
2055	4,804,647	516,767	199,969	316,798	4,487,849
2056	4,487,849	516,767	186,784	329,983	4,157,866
2057	4,157,866	516,767	173,050	343,717	3,814,149
2058	3,814,149	516,767	158,745	358,022	3,456,127
2059	3,456,127	516,767	143,844	372,923	3,083,204
2060	3,083,204	516,767	128,323	388,444	2,694,760
2061	2,694,760	516,767	112,156	404,611	2,290,149
2062	2,290,149	516,767	95,316	421,451	1,868,698
2063	1,868,698	516,767	77,775	438,992	1,429,706
2064	1,429,706	516,767	59,504	457,263	972,443
2065	972,443	516,767	40,473	476,294	496,149
2066	496,149	516,799	20,650	496,149	0
2067	0	0	0	0	0
2068	0	0	0	0	0
Total		14,986,275	6,375,548	8,610,727	

Table # 5
(Replaces Table A.2.2 in Appendix A)

Amortization Tables for
Replacement Capital Advances

Notes:

Col. (1) This column displays the first Fiscal Year through the last Fiscal Year of the amortization period for each capitalized replacement expense.

Col. (2) This column displays the Beginning of Period (BOP) remaining principal, which first equals the "Total Amount to be Amortized" fromTable #4 for the corresponding Fiscal Year. It is then reduced in the next Fiscal Year by the amount of principal paid in that Fiscal Year as shown in Column 5.

Col. (3) This column displays the Principal and interest (P&I) which reflects the amortization schedule required to pay off the Replacement Capital Advances at the current interest rate over a 50 year repayment period beginning in the Fiscal Year following the investment going into service, as described in Section 6.3(b).

Col. (4) This column displays the amount of interest for a given Fiscal Year which is the product of the current interest rate and the BOP remaining principal shown in Column 1. The current interest rate is specified at the beginning of each amortization schedule.

Col. (5) This column displays the Principal which equals P&I from Column 3 minus Interest from Column 4. The cumulative sum of the Column 5 values for each Fiscal Year is the annual principal recovered if replacements were funded by appropriations, as shown in Column 2 of Table #6.

Col. (6) This column displays the End of Period (EOP) remaining principal which equals the BOP remaining principal shown in Column 2 minus the principal paid shown in Column 5.

Table 5 – 2018-2022

Table #5
(Replaces Table A2.2 in Appendix A)

Amortization Tables for Replacement Capital Advances

FY 2018

Amount to be Amortized	$9,115,200
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$436,152

FY 2019

Amount to be Amortized	$10,708,800
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$512,403

(1)	(2)	(3)	(4)	(5)	(6)	(2)	(3)	(4)	(5)	(6)
		---- Payments ----					---- Payments ----			
Fiscal Year	BOP Remaining Principal $	P&I $	Interest $	Principal $	EOP Remaining Principal $	BOP Remaining Principal $	P&I $	Interest $	Principal $	EOP Remaining Principal $
2018	9,115,200	436,152	379,375	56,777	9,058,423	0	0	0	0	0
2019	9,058,423	436,152	377,012	59,140	8,999,283	10,708,800	512,403	445,700	66,703	10,642,097
2020	8,999,283	436,152	374,550	61,602	8,937,681	10,642,097	512,403	442,924	69,479	10,572,618
2021	8,937,681	436,152	371,986	64,166	8,873,515	10,572,618	512,403	440,032	72,371	10,500,247
2022	8,873,515	436,152	369,316	66,836	8,806,679	10,500,247	512,403	437,020	75,383	10,424,864
2023	8,806,679	436,152	366,534	69,618	8,737,061	10,424,864	512,403	433,883	78,520	10,346,344
2024	8,737,061	436,152	363,636	72,516	8,664,545	10,346,344	512,403	430,615	81,788	10,264,556
2025	8,664,545	436,152	360,618	75,534	8,589,011	10,264,556	512,403	427,211	85,192	10,179,364
2026	8,589,011	436,152	357,475	78,677	8,510,334	10,179,364	512,403	423,665	88,738	10,090,626
2027	8,510,334	436,152	354,200	81,952	8,428,382	10,090,626	512,403	419,972	92,431	9,998,195
2028	8,428,382	436,152	350,789	85,363	8,343,019	9,998,195	512,403	416,125	96,278	9,901,917
2029	8,343,019	436,152	347,236	88,916	8,254,103	9,901,917	512,403	412,118	100,285	9,801,632
2030	8,254,103	436,152	343,536	92,616	8,161,487	9,801,632	512,403	407,944	104,459	9,697,173
2031	8,161,487	436,152	339,681	96,471	8,065,016	9,697,173	512,403	403,596	108,807	9,588,366
2032	8,065,016	436,152	335,666	100,486	7,964,530	9,588,366	512,403	399,068	113,335	9,475,031
2033	7,964,530	436,152	331,484	104,668	7,859,862	9,475,031	512,403	394,351	118,052	9,356,979
2034	7,859,862	436,152	327,127	109,025	7,750,837	9,356,979	512,403	389,437	122,966	9,234,013
2035	7,750,837	436,152	322,590	113,562	7,637,275	9,234,013	512,403	384,320	128,083	9,105,930
2036	7,637,275	436,152	317,863	118,289	7,518,986	9,105,930	512,403	378,989	133,414	8,972,516
2037	7,518,986	436,152	312,940	123,212	7,395,774	8,972,516	512,403	373,436	138,967	8,833,549
2038	7,395,774	436,152	307,812	128,340	7,267,434	8,833,549	512,403	367,652	144,751	8,688,798
2039	7,267,434	436,152	302,471	133,681	7,133,753	8,688,798	512,403	361,628	150,775	8,538,023
2040	7,133,753	436,152	296,907	139,245	6,994,508	8,538,023	512,403	355,353	157,050	8,380,973
2041	6,994,508	436,152	291,111	145,041	6,849,467	8,380,973	512,403	348,816	163,587	8,217,386
2042	6,849,467	436,152	285,075	151,077	6,698,390	8,217,386	512,403	342,008	170,395	8,046,991
2043	6,698,390	436,152	278,787	157,365	6,541,025	8,046,991	512,403	334,916	177,487	7,869,504
2044	6,541,025	436,152	272,237	163,915	6,377,110	7,869,504	512,403	327,529	184,874	7,684,630
2045	6,377,110	436,152	265,415	170,737	6,206,373	7,684,630	512,403	319,834	192,569	7,492,061
2046	6,206,373	436,152	258,309	177,843	6,028,530	7,492,061	512,403	311,820	200,583	7,291,478
2047	6,028,530	436,152	250,907	185,245	5,843,285	7,291,478	512,403	303,471	208,932	7,082,546
		13,084,560	9,812,645	3,271,915			14,859,687	11,233,433	3,626,254	

Table #5
(Replaces Table A2.2 in Appendix A)

Amortization Tables for Replacement Capital Advances

FY 2018

Amount to be Amortized	$9,115,200
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$436,152

FY 2019

Amount to be Amortized	$10,708,800
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$512,403

(1)	(2)	(3)	(4)	(5)	(6)	(2)	(3)	(4)	(5)	(6)
		---- Payments ----					---- Payments ----			
Fiscal Year	BOP Remaining Principal $	P&I $	Interest $	Principal $	EOP Remaining Principal $	BOP Remaining Principal $	P&I $	Interest $	Principal $	EOP Remaining Principal $
2048	5,843,285	436,152	243,198	192,954	5,650,331	7,082,546	512,403	294,776	217,627	6,864,919
2049	5,650,331	436,152	235,167	200,985	5,449,346	6,864,919	512,403	285,718	226,685	6,638,234
2050	5,449,346	436,152	226,802	209,350	5,239,996	6,638,234	512,403	276,283	236,120	6,402,114
2051	5,239,996	436,152	218,089	218,063	5,021,933	6,402,114	512,403	266,456	245,947	6,156,167
2052	5,021,933	436,152	209,013	227,139	4,794,794	6,156,167	512,403	256,220	256,183	5,899,984
2053	4,794,794	436,152	199,559	236,593	4,558,201	5,899,984	512,403	245,557	266,846	5,633,138
2054	4,558,201	436,152	189,712	246,440	4,311,761	5,633,138	512,403	234,451	277,952	5,355,186
2055	4,311,761	436,152	179,455	256,697	4,055,064	5,355,186	512,403	222,883	289,520	5,065,666
2056	4,055,064	436,152	168,772	267,380	3,787,684	5,065,666	512,403	210,833	301,570	4,764,096
2057	3,787,684	436,152	157,643	278,509	3,509,175	4,764,096	512,403	198,282	314,121	4,449,975
2058	3,509,175	436,152	146,052	290,100	3,219,075	4,449,975	512,403	185,208	327,195	4,122,780
2059	3,219,075	436,152	133,978	302,174	2,916,901	4,122,780	512,403	171,590	340,813	3,781,967
2060	2,916,901	436,152	121,401	314,751	2,602,150	3,781,967	512,403	157,405	354,998	3,426,969
2061	2,602,150	436,152	108,301	327,851	2,274,299	3,426,969	512,403	142,630	369,773	3,057,196
2062	2,274,299	436,152	94,656	341,496	1,932,803	3,057,196	512,403	127,240	385,163	2,672,033
2063	1,932,803	436,152	80,443	355,709	1,577,094	2,672,033	512,403	111,210	401,193	2,270,840
2064	1,577,094	436,152	65,639	370,513	1,206,581	2,270,840	512,403	94,512	417,891	1,852,949
2065	1,206,581	436,152	50,218	385,934	820,647	1,852,949	512,403	77,120	435,283	1,417,666
2066	820,647	436,152	34,155	401,997	418,650	1,417,666	512,403	59,003	453,400	964,266
2067	418,650	436,074	17,424	418,650	0	964,266	512,403	40,133	472,270	491,996
2068	0	0	0	0	0	491,996	512,473	20,477	491,996	0
2069	0	0	0	0	0	0	0	0	0	0
2070	0	0	0	0	0	0	0	0	0	0
2071	0	0	0	0	0	0	0	0	0	0
2072	0	0	0	0	0	0	0	0	0	0
2073	0	0	0	0	0	0	0	0	0	0
2074	0	0	0	0	0	0	0	0	0	0
2075	0	0	0	0	0	0	0	0	0	0
2076	0	0	0	0	0	0	0	0	0	0
2077	0	0	0	0	0	0	0	0	0	0
2078	0	0	0	0	0	0	0	0	0	0
		21,807,522	12,692,322	9,115,200			25,620,220	14,911,420	10,708,800	

Table #5
(Replaces Table A2.2 in Appendix A)

Amortization Tables for Replacement Capital Advances

FY 2020

Amount to be Amortized	$4,842,240
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$231,695

FY 2021

Amount to be Amortized	$768,000
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$36,748

(1)	(2)	(3)	(4)	(5)	(6)	(2)	(3)	(4)	(5)	(6)
	BOP	---- Payments ----			EOP	BOP	---- Payments ----			EOP
Fiscal Year	Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $	Remaining Principal $	P&I $	Interest $	Principal $	Remaining Principal $
2018	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0
2020	4,842,240	231,695	201,534	30,161	4,812,079	0	0	0	0	0
2021	4,812,079	231,695	200,279	31,416	4,780,663	768,000	36,748	31,964	4,784	763,216
2022	4,780,663	231,695	198,971	32,724	4,747,939	763,216	36,748	31,765	4,983	758,233
2023	4,747,939	231,695	197,609	34,086	4,713,853	758,233	36,748	31,558	5,190	753,043
2024	4,713,853	231,695	196,191	35,504	4,678,349	753,043	36,748	31,342	5,406	747,637
2025	4,678,349	231,695	194,713	36,982	4,641,367	747,637	36,748	31,117	5,631	742,006
2026	4,641,367	231,695	193,174	38,521	4,602,846	742,006	36,748	30,882	5,866	736,140
2027	4,602,846	231,695	191,570	40,125	4,562,721	736,140	36,748	30,638	6,110	730,030
2028	4,562,721	231,695	189,900	41,795	4,520,926	730,030	36,748	30,384	6,364	723,666
2029	4,520,926	231,695	188,161	43,534	4,477,392	723,666	36,748	30,119	6,629	717,037
2030	4,477,392	231,695	186,349	45,346	4,432,046	717,037	36,748	29,843	6,905	710,132
2031	4,432,046	231,695	184,462	47,233	4,384,813	710,132	36,748	29,556	7,192	702,940
2032	4,384,813	231,695	182,496	49,199	4,335,614	702,940	36,748	29,256	7,492	695,448
2033	4,335,614	231,695	180,448	51,247	4,284,367	695,448	36,748	28,945	7,803	687,645
2034	4,284,367	231,695	178,315	53,380	4,230,987	687,645	36,748	28,620	8,128	679,517
2035	4,230,987	231,695	176,094	55,601	4,175,386	679,517	36,748	28,281	8,467	671,050
2036	4,175,386	231,695	173,780	57,915	4,117,471	671,050	36,748	27,929	8,819	662,231
2037	4,117,471	231,695	171,369	60,326	4,057,145	662,231	36,748	27,562	9,186	653,045
2038	4,057,145	231,695	168,858	62,837	3,994,308	653,045	36,748	27,180	9,568	643,477
2039	3,994,308	231,695	166,243	65,452	3,928,856	643,477	36,748	26,782	9,966	633,511
2040	3,928,856	231,695	163,519	68,176	3,860,680	633,511	36,748	26,367	10,381	623,130
2041	3,860,680	231,695	160,682	71,013	3,789,667	623,130	36,748	25,935	10,813	612,317
2042	3,789,667	231,695	157,726	73,969	3,715,698	612,317	36,748	25,485	11,263	601,054
2043	3,715,698	231,695	154,647	77,048	3,638,650	601,054	36,748	25,016	11,732	589,322
2044	3,638,650	231,695	151,441	80,254	3,558,396	589,322	36,748	24,528	12,220	577,102
2045	3,558,396	231,695	148,100	83,595	3,474,801	577,102	36,748	24,019	12,729	564,373
2046	3,474,801	231,695	144,621	87,074	3,387,727	564,373	36,748	23,489	13,259	551,114
2047	3,387,727	231,695	140,997	90,698	3,297,029	551,114	36,748	22,937	13,811	537,303
		6,487,460	4,942,249	1,545,211			992,196	761,499	230,697	

Table #5
(Replaces Table A2.2 in Appendix A)

Amortization Tables for Replacement Capital Advances

FY 2020

Amount to be Amortized	$4,842,240
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$231,695

FY 2021

Amount to be Amortized	$768,000
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$36,748

(1)	(2)	(3)	(4)	(5)	(6)	(2)	(3)	(4)	(5)	(6)
			---- Payments ----					---- Payments ----		
Fiscal Year	BOP Remaining Principal $	P&I $	Interest $	Principal $	EOP Remaining Principal $	BOP Remaining Principal $	P&I $	Interest $	Principal $	EOP Remaining Principal $
2048	3,297,029	231,695	137,222	94,473	3,202,556	537,303	36,748	22,363	14,385	522,918
2049	3,202,556	231,695	133,290	98,405	3,104,151	522,918	36,748	21,764	14,984	507,934
2050	3,104,151	231,695	129,195	102,500	3,001,651	507,934	36,748	21,140	15,608	492,326
2051	3,001,651	231,695	124,929	106,766	2,894,885	492,326	36,748	20,491	16,257	476,069
2052	2,894,885	231,695	120,485	111,210	2,783,675	476,069	36,748	19,814	16,934	459,135
2053	2,783,675	231,695	115,857	115,838	2,667,837	459,135	36,748	19,109	17,639	441,496
2054	2,667,837	231,695	111,035	120,660	2,547,177	441,496	36,748	18,375	18,373	423,123
2055	2,547,177	231,695	106,014	125,681	2,421,496	423,123	36,748	17,610	19,138	403,985
2056	2,421,496	231,695	100,783	130,912	2,290,584	403,985	36,748	16,814	19,934	384,051
2057	2,290,584	231,695	95,334	136,361	2,154,223	384,051	36,748	15,984	20,764	363,287
2058	2,154,223	231,695	89,659	142,036	2,012,187	363,287	36,748	15,120	21,628	341,659
2059	2,012,187	231,695	83,747	147,948	1,864,239	341,659	36,748	14,220	22,528	319,131
2060	1,864,239	231,695	77,590	154,105	1,710,134	319,131	36,748	13,282	23,466	295,665
2061	1,710,134	231,695	71,176	160,519	1,549,615	295,665	36,748	12,306	24,442	271,223
2062	1,549,615	231,695	64,495	167,200	1,382,415	271,223	36,748	11,288	25,460	245,763
2063	1,382,415	231,695	57,536	174,159	1,208,256	245,763	36,748	10,229	26,519	219,244
2064	1,208,256	231,695	50,288	181,407	1,026,849	219,244	36,748	9,125	27,623	191,621
2065	1,026,849	231,695	42,737	188,958	837,891	191,621	36,748	7,975	28,773	162,848
2066	837,891	231,695	34,873	196,822	641,069	162,848	36,748	6,778	29,970	132,878
2067	641,069	231,695	26,681	205,014	436,055	132,878	36,748	5,530	31,218	101,660
2068	436,055	231,695	18,149	213,546	222,509	101,660	36,748	4,231	32,517	69,143
2069	222,509	231,770	9,261	222,509	0	69,143	36,748	2,878	33,870	35,273
2070	0	0	0	0	0	35,273	36,741	1,468	35,273	0
2071	0	0	0	0	0	0	0	0	0	0
2072	0	0	0	0	0	0	0	0	0	0
2073	0	0	0	0	0	0	0	0	0	0
2074	0	0	0	0	0	0	0	0	0	0
2075	0	0	0	0	0	0	0	0	0	0
2076	0	0	0	0	0	0	0	0	0	0
2077	0	0	0	0	0	0	0	0	0	0
2078	0	0	0	0	0	0	0	0	0	0
		11,584,825	6,742,585	4,842,240			1,837,393	1,069,393	768,000	

Table #5
(Replaces Table A2.2 in Appendix A

Amortization Tables for
Replacement Capital Advances

FY 2022

Amount to be Amortized	$5,300,085
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$253,603

(1)	(2)	(3)	(4)	(5)	(6)
			---- Payments ----		
Fiscal Year	BOP Remaining Principal $	P&I $	Interest $	Principal $	EOP Remaining Principal $
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	5,300,085	253,603	220,590	33,013	5,267,072
2023	5,267,072	253,603	219,216	34,387	5,232,685
2024	5,232,685	253,603	217,784	35,819	5,196,866
2025	5,196,866	253,603	216,294	37,309	5,159,557
2026	5,159,557	253,603	214,741	38,862	5,120,695
2027	5,120,695	253,603	213,123	40,480	5,080,215
2028	5,080,215	253,603	211,439	42,164	5,038,051
2029	5,038,051	253,603	209,684	43,919	4,994,132
2030	4,994,132	253,603	207,856	45,747	4,948,385
2031	4,948,385	253,603	205,952	47,651	4,900,734
2032	4,900,734	253,603	203,969	49,634	4,851,100
2033	4,851,100	253,603	201,903	51,700	4,799,400
2034	4,799,400	253,603	199,751	53,852	4,745,548
2035	4,745,548	253,603	197,510	56,093	4,689,455
2036	4,689,455	253,603	195,175	58,428	4,631,027
2037	4,631,027	253,603	192,743	60,860	4,570,167
2038	4,570,167	253,603	190,210	63,393	4,506,774
2039	4,506,774	253,603	187,572	66,031	4,440,743
2040	4,440,743	253,603	184,824	68,779	4,371,964
2041	4,371,964	253,603	181,961	71,642	4,300,322
2042	4,300,322	253,603	178,979	74,624	4,225,698
2043	4,225,698	253,603	175,874	77,729	4,147,969
2044	4,147,969	253,603	172,638	80,965	4,067,004
2045	4,067,004	253,603	169,269	84,334	3,982,670
2046	3,982,670	253,603	165,759	87,844	3,894,826
2047	3,894,826	253,603	162,103	91,500	3,803,326
		6,593,678	5,096,919	1,496,759	

Table #5
(Replaces Table A2.2 in Appendix A

Amortization Tables for
Replacement Capital Advances

FY 2022

Amount to be Amortized	$5,300,085
Yearly Interest	4.162%
Amortization Period	50 Years
Principal & Interest Paymnt	$253,603

(1)	(2)	(3)	(4)	(5)	(6)
			---- Payments ----		
Fiscal Year	BOP Remaining Principal $	P&I $	Interest $	Principal $	EOP Remaining Principal $
2048	3,803,326	253,603	158,294	95,309	3,708,017
2049	3,708,017	253,603	154,328	99,275	3,608,742
2050	3,608,742	253,603	150,196	103,407	3,505,335
2051	3,505,335	253,603	145,892	107,711	3,397,624
2052	3,397,624	253,603	141,409	112,194	3,285,430
2053	3,285,430	253,603	136,740	116,863	3,168,567
2054	3,168,567	253,603	131,876	121,727	3,046,840
2055	3,046,840	253,603	126,809	126,794	2,920,046
2056	2,920,046	253,603	121,532	132,071	2,787,975
2057	2,787,975	253,603	116,036	137,567	2,650,408
2058	2,650,408	253,603	110,310	143,293	2,507,115
2059	2,507,115	253,603	104,346	149,257	2,357,858
2060	2,357,858	253,603	98,134	155,469	2,202,389
2061	2,202,389	253,603	91,663	161,940	2,040,449
2062	2,040,449	253,603	84,923	168,680	1,871,769
2063	1,871,769	253,603	77,903	175,700	1,696,069
2064	1,696,069	253,603	70,590	183,013	1,513,056
2065	1,513,056	253,603	62,973	190,630	1,322,426
2066	1,322,426	253,603	55,039	198,564	1,123,862
2067	1,123,862	253,603	46,775	206,828	917,034
2068	917,034	253,603	38,167	215,436	701,598
2069	701,598	253,603	29,201	224,402	477,196
2070	477,196	253,603	19,861	233,742	243,454
2071	243,454	253,587	10,133	243,454	0
2072	0	0	0	0	0
2073	0	0	0	0	0
2074	0	0	0	0	0
2075	0	0	0	0	0
2076	0	0	0	0	0
2077	0	0	0	0	0
2078	0	0	0	0	0
		12,680,134	7,380,049	5,300,085	

Notes:

Col. (1) This column displays the first Fiscal Year through the last Fiscal Year of the amortization period for each capitalized replacement expense.

Col. (2) This column displays the Beginning of Period (BOP) remaining principal, which first equals the "Total Amount to be Amortized" fromTable #4 for the corresponding Fiscal Year. It is then reduced in the next Fiscal Year by the amount of principal paid in that Fiscal Year as shown in Column 5.

Col. (3) This column displays the Principal and interest (P&I) which reflects the amortization schedule required to pay off the Replacement Capital Advances at the current interest rate over a 50 year repayment period beginning in the Fiscal Year following the investment going into service, as described in Section 6.3(b).

Col. (4) This column displays the amount of interest for a given Fiscal Year which is the product of the current interest rate and the BOP remaining principal shown in Column 1. The current interest rate is specified at the beginning of each amortization schedule.

Col. (5) This column displays the Principal which equals P&I from Column 3 minus Interest from Column 4. The cumulative sum of the Column 5 values for each Fiscal Year is the annual principal recovered if replacements were funded by appropriations, as shown in Column 2 of Table #6.

Col. (6) This column displays the End of Period (EOP) remaining principal which equals the BOP remaining principal shown in Column 2 minus the principal paid shown in Column 5.

Table 6

Table # 6
(Replaces Table A.2.1 in Appendix A)

Principle Payments Required if Replacement Capital Advances Were Funded by Appropriations

	(1)	(2)	(3)
	Fiscal Year	Sum of *Annual* Principal Payments from Amortization Tables $	*Cumulative* Principal Payments $
Historical Expense:			
	1989	1,959	1,959
	1990	6,434	8,393
	1991	10,015	18,408
	1992	11,163	29,571
	1993	17,090	46,661
	1994	32,355	79,016
	1995	48,110	127,126
	1996	59,998	187,124
	1997	119,743	306,866
	1998	139,000	445,866
	1999	158,828	604,694
	2000	198,973	803,666
	2001	223,406	1,027,073
	2002	248,709	1,275,782
	2003	278,929	1,554,711
	2004	310,884	1,865,595
	2005	344,219	2,209,814
	2006	389,099	2,598,913
	2007	431,592	3,030,505
	2008	492,447	3,522,952
	2009	563,126	4,086,078
	2010	639,220	4,725,299
	2011	718,214	5,443,512
Subtotal		**$5,443,512**	**5,443,512**
Budgeted Expense:			
	2012	794,568	6,238,081
	2013	920,492	7,158,573
	2014	1,037,321	8,195,894
	2015	1,150,822	9,346,716
	2016	1,282,108	10,628,824
	2017	1,422,813	12,051,637
	2018	1,560,328	13,611,965
	2019	1,715,045	15,327,010
	2020	1,841,327	17,168,337
	2021	1,949,279	19,117,616
	2022	2,091,877	21,209,493

Notes:

Col. (2) Total annual principal which would have been paid by the Contractors each year had appropriations been available to fund the replacement cost. The amount shown is the sum of all principal payments displayed in column (5) of Table 5. This represents the principal portion that Treasury would have recovered annually if all replacements had been funded by appropriations.

Table 7

Table # 7
(Replaces Table A.3 in Appendix A)

CALCULATION OF REPAYABLE REPLACEMENT AMOUNTS

(1)	(2)	(3)	(4)	(5)
Fiscal Year	Annual Replacement Amount to be Amortized $	Sum of Annual Principal Payments Recovered Based on Amortization of Replacement Amount $	Repayable Advance Amount **Cols (2 - 3)** $	Cumulative Repayable Advances $
Historical Expense:				
1989	1,744,871	1,959	1,742,912	1,742,912
1990	3,347,645	6,434	3,341,211	5,084,123
1991	2,240,603	10,015	2,230,588	7,314,711
1992	174,377	11,163	163,214	7,477,925
1993	2,708,728	17,090	2,691,638	10,169,563
1994	5,851,590	32,355	5,819,235	15,988,798
1995	5,832,686	48,110	5,784,576	21,773,374
1996	4,101,862	59,998	4,041,864	25,815,238
1997	21,460,909	119,743	21,341,166	47,156,405
1998	4,068,478	139,000	3,929,478	51,085,883
1999	2,799,682	158,828	2,640,854	53,726,737
2000	7,651,285	198,973	7,452,312	61,179,050
2001	3,290,264	223,406	3,066,858	64,245,907
2002	2,473,225	248,709	2,224,516	66,470,423
2003	3,153,914	278,929	2,874,985	69,345,408
2004	2,569,674	310,884	2,258,790	71,604,198
2005	2,639,725	344,219	2,295,506	73,899,704
2006	4,335,357	389,099	3,946,258	77,845,962
2007	3,318,829	431,592	2,887,237	80,733,199
2008	5,760,722	492,447	5,268,275	86,001,474
2009	6,908,500	563,126	6,345,374	92,346,848
2010	6,140,371	639,220	5,501,151	97,847,998
2011	6,283,219	718,214	5,565,005	103,413,004
Subtotal	**$108,856,516**	**$5,443,512**		**$103,413,004**
Budgeted Expense:				
2012	5,179,890	794,568	4,385,322	107,798,325
2013	12,464,640	920,492	11,544,148	119,342,473
2014	9,988,771	1,037,321	8,951,450	128,293,923
2015	8,485,440	1,150,822	7,334,618	135,628,541
2016	10,381,440	1,282,108	9,099,332	144,727,873
2017	10,800,000	1,422,813	9,377,187	154,105,060
2018	9,115,200	1,560,328	7,554,872	161,659,932
2019	10,708,800	1,715,045	8,993,755	170,653,687
2020	4,842,240	1,841,327	3,000,913	173,654,600
2021	768,000	1,949,279	(1,181,279)	172,473,321
2022	5,300,085	2,091,877	3,208,208	175,681,529

Notes:

Col. (1) This column provides the beginning year for amortization of the replacement expense

Col. (2) Provides, from Table #4, the replacement expense that is to be amortized.

Col. (3) Total annual principal amount, from Table #6, which would have been paid by the Contractors each year had appropriations been available to fund the replacement cost.

Col. (4) Displays the difference between the annual replacement expense to be amortized, shown in column (2), and the principal payments shown in column (3). The difference represents an amount funded by the Contractors that is in excess of the amount that would have been paid by the Contractors if replacement were funded by appropriations and amortized.

Col. (5) This is the reimbursement due to the present Hoover Power Contractors by the Post-2017 Contractors having a payment obligation as set out in Section 6.4, of the Boulder Canyon Project Implementation Agreement.