

# SN CRAC February 11<sup>th</sup>, 13<sup>th</sup> and 18<sup>th</sup> Follow-Up Questions

Below are the questions and answers to questions raised during the February 11<sup>th</sup>, 13<sup>th</sup> and 18<sup>th</sup> SN CRAC workshop. BPA reserves the right to update these responses to the extent necessary in the event that it is subsequently discovered that responses are inconsistent with other materials presented.

## BPA Debt Obligations:

### **1. What are the rate case assumptions of issuing new federal debt?**

Please refer to Appendix 1 “[Power-related Debt, Annual Increments](#)”

### **2. What was paid as advanced amortization in 2000-2002 and what are the current assumptions for 2003?**

Please refer to Appendix 2 (6 pages) “[Advanced Amortization 2000-2001](#)” and Appendix 3 (3 pages) “[BPA Amortization Detail](#)”

### **3. What were the original due dates of the pre-paid Treasury obligations?**

Please refer to Appendix 2 (6 pages) “[Advanced Amortization 2000-2001](#)” and Appendix 3 (3 pages) “[BPA Amortization Detail](#)”

## Corporate

### **4. Have the administrative and support service allocations changed from the 2002 rate case?**

Not significantly. As indicated in the 2002 testimony, we have removed functions with measurable, deliverable products and services from the cost pool. These charges are assigned to the Business Lines based on the use of services. In some areas, we identify better measures of aligning the cost of the function with the user of those services. Although the allocation may change slightly, it is not significant to the overall costs to the particular Business Line. For the remaining administrative costs, there is no clear consistent measurable basis to indicate a causal relationship with the functions performed and benefits derived. For these reasons, we continue to allocate the remaining administrative cost pool on a 50/50 basis. Please refer to the 2002 rate case testimony on administrative and support services costs for an explanation of the methodologies.

Income Statement

**5. Please show the Amw for the Conservation and Renewable Discount.**

<u>Rate Case (May 2000)</u>	<u>FY 02</u>	<u>FY 03</u>
6783 Amw	8005 Amw	7962 Amw

With respect to the C&RD, the Rate Case (May 2000) projected sales eligible for the C&RD to average about 6783 Amw over the 5-year rate period, comprising 4343 for the publics, 1000 for the IOU and 1440 for the DSI. Actuals for FY2002 were about 8005 Amw and for FY2003 will be about 7962 Amw.

# APPENDIX 1

## Power-related Debt, Annual Increments

For Years Projected in May 2000 Filing  
(\$thousands)

	Rate Case	Actual
<b>FY 2000</b>		
Bonds Issued:		
Construction		
(Capital Equipment)	4,100	10,947
Fish & Wildlife	27,000	0
Conservation	32,555	32,000
Direct Funding		
(COE/BOR)	95,369	60,000
Appropriations Received	51,158	86,607
<b>Total</b>	<b>210,182</b>	<b>189,554</b>
<b>FY 2001</b>		
Bonds Issued:		
Construction		
(Capital Equipment)	7,600	68
Fish & Wildlife	27,000	25,000
Conservation	1,000	0
Direct Funding		
(COE/BOR)	76,100	50,000
Appropriations Received	500,282	109,275
<b>Total</b>	<b>611,982</b>	<b>184,343</b>
<b>FY 2002</b>		
Bonds Issued:		
Construction		
(Capital Equipment)	2,100	1,990
Fish & Wildlife	34,732	0
Conservation	0	40,000
Direct Funding		
(COE/BOR)	89,855	50,000
Appropriations Received	135,050	13,885
<b>Total</b>	<b>261,737</b>	<b>105,875</b>

Advanced Amortization 2000-2001

	Principal	Rate	In-Service or Issuance	FY Due	Type	
<b>FY 2000:</b>						
1996 Rate Case Plan (Revised by 2002 RC)	205,018					
Actual Payment						
Base Payment						
Appropriations	22,110	6.62%	1955	2000	BPA	
	115	6.62%	1995	2000	USBR	
Bonds	92,500	6.60%	8/31/92	2000	C	7/
	50,000	6.50%	5/31/97	2000	B	
	<u>40,293</u>	7.50%	5/31/95	2015	K	8/
Total Base Payment	205,018					
Advance Amortization						
Bonds	44,707	7.50%	5/31/95	2015	K	8/
Appropriations	<u>40,200</u>				COE/USBR	9/
<b>Total Advance Amortization</b>	<b>84,907</b>					
<b>FY 2001:</b>						
1996 Rate Case Plan (Revised by 2002 RC)	112,847					
Actual Payment						
Base Payment						
Appropriations	46,794	6.71%	1956	2001	BPA	
	19,429	6.71%	various	2001	USBR	9/
Bonds	12,270	7.70%	7/31/95	2025	C	
	34,354	7.50%	5/31/95	2015	B	
Total Base Payment	112,847					
Advance Amortization						
Bonds	646	7.50%	5/31/95	2015	B	10/
	35,000	7.20%	8/31/95	2010	F	
	2,388	6.95%	2/28/93	2008	F	
Appropriations	<u>59,246</u>				COE/USBR	9/
<b>Total Advance Amortization</b>	<b>97,280</b>					
<b>Footnotes:</b>						
7/ Repaid 92,500, refinanced 15,300; bond:	97,800	6.60%	8/31/92	2000	C	
8/ Total Bond Repaid	85,000	7.50%	5/31/95	2015	K	
9/ See attachment of appropriations paid for details.						
10/ Total Bond Repaid	35,000	7.50%	5/31/95	2015	B	

C = Transmission Construction  
 K = Conservation  
 F = Fish and Wildlife  
 B = COE and USBR Direct Funding

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FY 2000 Appropriation Amortization for  
Corps of Engineers and Bureau of Reclamation  
(\$ Thousands)

	Principal		Issuance	Rate	Due
<b>Bureau of Reclamation</b>					
DUE					
Columbia Basin	25	25,000.00	1995	6.620%	2000
Hungry Horse	6	6,000.00	1995	6.620%	2000
Hungry Horse	84	84,000.00	1995	6.620%	2000
Total BOR Due	115	<b>115,000.00</b>			
NOT DUE					
Minidoka	56	56,000.00	1977	7.020%	2008
Minidoka	75	75,000.00	1978	7.020%	2008
Minidoka	20	20,000.00	1978	7.020%	2008
Minidoka	75	75,000.00	1979	7.020%	2008
Minidoka	19	19,000.00	1979	7.020%	2008
Minidoka	75	75,000.00	1980	7.020%	2008
Minidoka	20	20,000.00	1980	7.020%	2008
Minidoka	75	75,000.00	1981	7.020%	2008
Minidoka	20	20,000.00	1981	7.020%	2008
Minidoka	75	75,000.00	1982	7.020%	2008
Minidoka	19	19,000.00	1982	7.020%	2008
Minidoka	65	65,000.00	1983	7.020%	2008
Minidoka	20	20,000.00	1983	7.020%	2008
Minidoka	21	21,000.00	1985	7.020%	2008
Minidoka	21	21,000.00	1986	7.020%	2008
Minidoka	16	16,000.00	1987	7.020%	2008
Yakima	533	533,000.00	1958	7.020%	2008
Yakima	161	161,000.00	1958	7.020%	2008
Yakima	69	69,000.00	1985	7.020%	2008
Yakima	6	6,000.00	1986	7.020%	2008
Yakima	2	2,000.00	1987	7.020%	2008
Total BOR Not Due	1,443	1,443,000			
Total Bureau of Reclamation	1,558	<b>1,558,000</b>			

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**Corps of Engineers**

NOT DUE

Chief Joseph	31,901	31,901,000	1958	7.020%	2008
Chief Joseph	223	223,000	1959	7.020%	2008
Chief Joseph	223	223,000	1960	7.020%	2008
Chief Joseph	223	223,000	1961	7.020%	2008
Chief Joseph	223	223,000	1962	7.020%	2008
Chief Joseph	224	224,000	1963	7.020%	2008
Chief Joseph	223	223,000	1964	7.020%	2008
Chief Joseph	223	223,000	1965	7.020%	2008
Chief Joseph	223	223,000	1966	7.020%	2008
Chief Joseph	223	223,000	1967	7.020%	2008
Chief Joseph	224	224,000	1968	7.020%	2008
Chief Joseph	223	223,000	1969	7.020%	2008
Chief Joseph	223	223,000	1970	7.020%	2008
Chief Joseph	223	223,000	1971	7.020%	2008
Chief Joseph	223	223,000	1972	7.020%	2008
Chief Joseph	224	224,000	1973	7.020%	2008
Chief Joseph	223	223,000	1974	7.020%	2008
Chief Joseph	223	223,000	1975	7.020%	2008
Chief Joseph	223	223,000	1976	7.020%	2008
Chief Joseph	223	223,000	1977	7.020%	2008
Chief Joseph	224	224,000	1978	7.020%	2008
Chief Joseph	223	223,000	1979	7.020%	2008
Chief Joseph	224	224,000	1983	7.020%	2008
The Dalles	1,749	1,749,000	1958	7.020%	2008
The Dalles	196	196,000	1996	7.020%	2008
Total Corps of Engineers	38,757	<b>38,757,000</b>			
Appropriations Due		115			
Appropriations Not Due		<u>40,200</u>			
Total COE/BOR Appropriations		40,315			

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**FY 2001 Appropriation Amortization for  
Corps of Engineers and Bureau of Reclamation  
(\$ Thousands)**

	<b>Principal</b>		<b>Issuance</b>	<b>Rate</b>	<b>Due</b>
<b>Bureau of Reclamation</b>					
DUE					
Boise	89	89,000.00	1986	6.710%	2001
Columbia Basin	9,156	7,719,000.00	1951	6.710%	2001
Columbia Basin	306	258,000.00	1952	6.710%	2001
Columbia Basin	306	258,000.00	1953	6.710%	2001
Columbia Basin	306	258,000.00	1954	6.710%	2001
Columbia Basin	306	258,000.00	1955	6.710%	2001
Columbia Basin	307	259,000.00	1956	6.710%	2001
Columbia Basin	306	258,000.00	1957	6.710%	2001
Columbia Basin	306	258,000.00	1958	6.710%	2001
Columbia Basin	306	258,000.00	1959	6.710%	2001
Columbia Basin	306	258,000.00	1960	6.710%	2001
Columbia Basin	307	259,000.00	1961	6.710%	2001
Columbia Basin	306	258,000.00	1962	6.710%	2001
Columbia Basin	306	258,000.00	1963	6.710%	2001
Columbia Basin	306	258,000.00	1964	6.710%	2001
Columbia Basin	306	258,000.00	1965	6.710%	2001
Columbia Basin	307	259,000.00	1966	6.710%	2001
Columbia Basin	306	258,000.00	1967	6.710%	2001
Columbia Basin	306	258,000.00	1968	6.710%	2001
Columbia Basin	306	258,000.00	1969	6.710%	2001
Columbia Basin	306	258,000.00	1970	6.710%	2001
Columbia Basin	307	259,000.00	1971	6.710%	2001
Columbia Basin	306	258,000.00	1972	6.710%	2001
Columbia Basin	306	258,000.00	1973	6.710%	2001
Columbia Basin	306	258,000.00	1974	6.710%	2001
Columbia Basin	306	258,000.00	1975	6.710%	2001
Columbia Basin	307	259,000.00	1976	6.710%	2001
Columbia Basin	306	258,000.00	1977	6.710%	2001
Columbia Basin	306	258,000.00	1978	6.710%	2001

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Columbia Basin	306	258,000.00	1979	6.710%	2001
Columbia Basin	306	258,000.00	1980	6.710%	2001
Columbia Basin	306	259,000.00	1981	6.710%	2001
Columbia Basin	306	258,000.00	1982	6.710%	2001
Columbia Basin	306	258,000.00	1983	6.710%	2001
Columbia Basin	247	236,000.00	1985	6.710%	2001
Columbia Basin	<u>140</u>	127,000.00	1986	6.710%	2001

Total BOR Due 19,429

NOT DUE

Columbia Basin	46	46,000.00		7.860%	2045
Minidoka	<u>54</u>	54,000.00		7.130%	2011

Total BOR Not Due 100

Total Bureau of Reclamation 19,529

**Corps of Engineers**

NOT DUE

Chief Joseph	8,894	8,894,000.00	1957	6.980%	2007
Dworshak	107	107,000.00	1996	7.130%	2011
John Day	36,847	36,847,000.00	1969	7.270%	2019
John Day	237	237,000.00	1996	7.130%	2011
Lower Granite	255	255,000.00	1996	7.130%	2011
McNary	3	3,000.00	1996	7.130%	2011
The Dalles	9,492	9,492,000.00	1961	7.130%	2011
The Dalles	56	56,000.00	1962	7.130%	2011
The Dalles	57	57,000.00	1963	7.130%	2011
The Dalles	57	57,000.00	1964	7.130%	2011
The Dalles	56	56,000.00	1965	7.130%	2011
The Dalles	57	57,000.00	1966	7.130%	2011
The Dalles	57	57,000.00	1967	7.130%	2011
The Dalles	56	56,000.00	1968	7.130%	2011
The Dalles	57	57,000.00	1969	7.130%	2011
The Dalles	57	57,000.00	1970	7.130%	2011
The Dalles	56	56,000.00	1971	7.130%	2011
The Dalles	57	57,000.00	1972	7.130%	2011
The Dalles	57	57,000.00	1973	7.130%	2011
The Dalles	56	56,000.00	1974	7.130%	2011
The Dalles	57	57,000.00	1975	7.130%	2011



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The Dalles	57	57,000.00	1976	7.130%	2011
The Dalles	56	56,000.00	1977	7.130%	2011
The Dalles	57	57,000.00	1978	7.130%	2011
The Dalles	57	57,000.00	1979	7.130%	2011
The Dalles	56	56,000.00	1980	7.130%	2011
The Dalles	57	57,000.00	1981	7.130%	2011
The Dalles	57	57,000.00	1982	7.130%	2011
The Dalles	57	56,000.00	1983	7.130%	2011
The Dalles	95	95,000.00	1985	7.130%	2011
The Dalles	95	95,000.00	1986	7.130%	2011
The Dalles	1,417	1,417,000.00	1987	7.130%	2011
The Dalles	457	457,000.00	1996	7.130%	2011
Total Corps of Engineers	59,146	59,146,000.00			

Appropriations Due	19,429
Appropriations Not Due	59,246
Total COE/BOR	
Appropriations	78,675

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**BPA Amortization Detail**  
**2002 Payment**  
(\$ in thousands)

	Principal	Rate	In-Service or Issuance	FY Due	Type
<b>1 FY 2002:</b>					
2 2001 Rate Case Plan	238,901				
3 Potential Payment					
4 Base Payment					
5 Appropriations	23,913	6.79%	1957	2002	BPA
6 Bonds	40,000	6.20%	9/30/99	2002	C
7	66,000	8.65%	9/30/89	2002	K
8	65,000	7.70%	8/31/95	2025	C
9	2,754	7.70%	7/31/95	2025	C 1/
10	40,000	7.20%	11/30/96	2017	K
11	<u>1,234</u>	6.95%	2/28/93	2008	F 2/
12 Total Base Payment	238,901				
13 Advance Amortization					
14 Bonds	16,378	6.95%	2/28/93	2008	F 2/
15	40,000	6.75%	8/31/93	2013	K
16	36,735	6.75%	1/31/94	2014	K
17 Appropriations	<u>172,998</u>				COE/USBR
<b>18 Total Advance Amortization</b>	<b>266,111</b>				
1/ Partial Payment of bond:	37,730	7.70%	7/31/95	2025	C
2/ Total Bond	17,612	6.95%	2/28/93	2008	F

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**FY 2002 Potential Appropriation Amortization  
for Corps of Engineers and Bureau of Reclamation  
(\$ thousands)**

	<b>Principal</b>	<b>In Service</b>	<b>Rate</b>	<b>Due</b>
<b>Corps of Engineers</b>				
Albeni Falls	17	1995	7.090%	2010
Bonneville	25	1995	7.090%	2010
Chief Joseph	21,701	1957	6.980%	2007
Chief Joseph	223	1980	7.020%	2017
Chief Joseph	223	1981	7.020%	2018
Chief Joseph	223	1982	7.020%	2018
Chief Joseph	46	1985	7.020%	2018
Chief Joseph	15	1995	7.090%	2018
McNary	24,985	1957	6.980%	2007
McNary	468	1958	6.980%	2007
McNary	468	1959	6.980%	2007
McNary	468	1960	6.980%	2007
McNary	468	1961	6.980%	2007
McNary	467	1962	6.980%	2007
McNary	468	1963	6.980%	2007
McNary	468	1964	6.980%	2007
McNary	468	1965	6.980%	2007
McNary	468	1966	6.980%	2007
McNary	467	1967	6.980%	2007
McNary	468	1968	6.980%	2007
McNary	468	1969	6.980%	2007
McNary	468	1970	6.980%	2007
McNary	468	1971	6.980%	2007
McNary	468	1972	6.980%	2007
McNary	467	1973	6.980%	2007
McNary	468	1974	6.980%	2007
McNary	468	1975	6.980%	2007
McNary	468	1976	6.980%	2007
McNary	467	1977	6.980%	2007
McNary	468	1978	6.980%	2007
McNary	468	1979	6.980%	2007

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McNary	468	1980	6.980%	2007
McNary	468	1981	6.980%	2007
McNary	467	1982	6.980%	2007
McNary	468	1983	6.980%	2007
McNary	557	1985	6.980%	2007
McNary	454	1986	6.980%	2007
McNary	24	1987	6.980%	2007
McNary	509	1995	7.090%	2010
The Dalles	32,239	1958	7.020%	2008
The Dalles	40,415	1959	7.060%	2009
The Dalles	39,179	1960	7.090%	2010
Total Corps of Engineers	172,998			