

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-0001

February 27, 2006

10 CFR 20.2206
Regulatory Guide 1.16
Big Rock DTS 6.6.1

**DOCKETS 50-155 AND 72-043 – LICENSE DPR-6 – BIG ROCK POINT PLANT –
DEFUELED TECHNICAL SPECIFICATION 6.6.1 AND REGULATORY GUIDE 1.16
APPENDIX A – ANNUAL REPORT OF OCCUPATIONAL EXPOSURE**

In accordance with Big Rock Point Defueled Technical Specification 6.6.1, attached is the 2005 Annual Occupational Radiation Exposure Report. The report is sorted by work group and job function.

Regulatory Guide 1.16, *Reporting of Operating Information – Appendix A, Technical Specifications, Standard Format for Reporting Number of Personnel and Man-Rem by Work and Job Function*, Revision 4, August 1975, was used as guidance in the attached report.

The Regulatory Guide 1.16 Report for the year 2005 is the Electronic Dosimeter Dose for people receiving greater than 100 millirem. The total plant Electronic Dosimeter Dose for 2005 (all people) was 23,498.32 millirem. The total plant TLD dose for the year 2005 was 20,227 millirem TEDE, of which 98 millirem was CEDE.

Note: The data file for the 2005 Annual Report of Occupational Radiation Exposure was submitted via the Radiation Exposure and Information Reporting System (REIRS) web page on February 27, 2006.



Kurt M. Haas
Site General Manager

cc: Administrator, Region III, U.S. NRC
U.S. NRC, NMSS Project Manager
U.S. NRC REIRS Project Manager

ATTACHMENT

nmss01
JES6

ATTACHMENT

**Big Rock Point
Dockets 50-155 and 72-043**

February 27, 2006

BIG ROCK POINT ANNUAL OCCUPATIONAL EXPOSURE REPORT

January 1, 2005 Through December 31, 2005

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Regulatory Guide 1.16 Appendix A Annual Report

For : 2005

Job Function Work Group	Number of personnel (>100mrem)			Total Man-Rem		
	Station	Utility	Contr.&Other	Station	Utility	Contr.&Other
InService Inspection						
Engineering	0	0	0	0.000	0.000	0.000
Maintenance	0	0	0	0.000	0.000	0.000
Operations	0	0	0	0.000	0.000	0.000
Radiation Protection	0	0	0	0.000	0.000	0.000
Supervisory	0	0	0	0.000	0.000	0.000
Refueling						
Engineering	0	0	0	0.000	0.000	0.000
Maintenance	0	0	0	0.000	0.000	0.000
Operations	0	0	0	0.000	0.000	0.000
Radiation Protection	0	0	0	0.000	0.000	0.000
Supervisory	0	0	0	0.000	0.000	0.000
Routine Maintenance						
Engineering	0	0	0	0.000	0.000	0.000
Maintenance	4	0	35	0.605	0.000	5.548
Operations	1	0	0	0.137	0.000	0.000
Radiation Protection	0	0	0	0.000	0.000	0.000
Supervisory	0	0	0	0.000	0.000	0.000
Routine Operations						
Engineering	0	0	0	0.000	0.000	0.000
Maintenance	0	0	0	0.000	0.000	0.000
Operations	0	0	0	0.000	0.000	0.000
Radiation Protection	0	0	1	0.000	0.000	0.103
Supervisory	0	0	0	0.000	0.000	0.000
Special Maintenance						
Special Maintenance	0	0	0	0.000	0.000	0.000
Maintenance	0	0	21	0.000	0.000	5.102
Operations	0	0	0	0.000	0.000	0.000
Radiation Protection	0	0	6	0.000	0.000	0.792
Supervisory	0	0	2	0.000	0.000	0.666
Waste Processing						
Engineering	0	0	0	0.000	0.000	0.000
Maintenance	2	0	0	0.602	0.000	0.000
Operations	0	0	0	0.000	0.000	0.000
Radiation Protection	2	0	3	0.377	0.000	0.852
Supervisory	0	0	1	0.000	0.000	0.163
Totals:						
Maintenance	6		56	1.207	0.000	10.650
Operations	1			0.137	0.000	0.000
Radiation Protection	2		10	0.377	0.000	1.747
Supervisory			3	0.000	0.000	0.829
GRAND TOTAL:	9	0	69	1.721	0.000	13.227