

# Duquesne Light Company

Beaver Valley Power Station  
P.O. Box 4  
Shippingport, PA 15077-0004

JOHN D. SIEBER  
Senior Vice President and  
Chief Nuclear Officer  
Nuclear Power Division

February 14, 1994  
NPD3SVP:7545

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U. S. Nuclear Regulatory Commission  
Washington, DC 20555  
ATTN: DOCUMENT CONTROL DESK

**SUBJECT: Annual Report Of The Number Of Personnel Receiving Greater Than 100 Mrem And Their Associated Exposure By Work Function At BVPS For Calendar Year 1993**

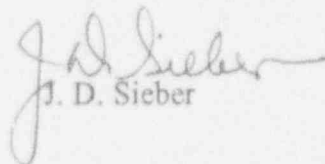
- Refs: 1) Beaver Valley Power Station, Unit No. 1  
Docket No. 50-334, License No. DPR-66  
2) Beaver Valley Power Station, Unit No. 2  
Docket No. 50-412, License No. NPF-73

Dear Sir:

The attached report is submitted to you in accordance with the Beaver Valley Power Station Unit 1 and Unit 2 Technical Specification 6.9.1.5a. The report was prepared in accordance with U. S. NRC Regulatory Guide 1.16, Part C, Section b, (3), Rev. 4, Aug. 75.

The total exposure listed on the report (618.275 R) was tabulated by pocket dosimeter readings for personnel who received 100 mrem or more. The pocket dosimeter total for all personnel (650.850 R) is within 4.9% of the actual dose determined by TLD badge (620.523 rems: 414.200 rems - Unit 1, 206.323 rems - Unit 2).

Sincerely,

  
J. D. Sieber

RRS/mar

Attachment

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cc: United States Nuclear Regulatory Commission  
Regional Administrator, Region I  
475 Allendale Road  
King of Prussia, PA 19406

United States Nuclear Regulatory Commission  
Resident Inspector  
Beaver Valley Power Station

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bcc: N. R. Tonet  
D. E. Spoerry  
R. M. Vento  
J. T. Lebda  
R. R. Schilling  
Central File

DUQUESNE LIGHT COMPANY  
 Beaver Valley Power Station  
 Units 1 and 2

ANNUAL REPORT OF THE NUMBER OF PERSONNEL RECEIVING GREATER THAN 100 MREM AND  
 THEIR ASSOCIATED EXPOSURE BY WORK FUNCTION AT BVPS FOR CALENDAR YEAR 1993.

		NUMBER OF PERSONNEL			TOTAL MAN-REM		
		STATION	UTILITY	CONTRACTORS	STATION	UTILITY	CONTRACTORS
REACTOR OPERATIONS AND SURVEILLANCE	Maintenance	11.0	0.0	24.8	3.105	0.000	11.350
	Operating	62.9	0.0	3.8	17.720	0.000	0.480
	Health Physics	18.0	0.0	27.3	3.530	0.000	9.820
	Supervisory	20.1	0.0	25.7	4.935	0.000	6.660
	Engineering	8.3	0.0	0.0	1.315	0.000	0.000
ROUTINE MAINTENANCE	Maintenance	183.3	0.0	212.4	79.830	0.000	93.480
	Operating	2.0	0.0	0.1	0.570	0.000	0.010
	Health Physics	6.2	0.0	59.8	1.365	0.000	29.080
	Supervisory	9.5	0.0	55.0	3.360	0.000	21.185
	Engineering	2.7	0.0	0.0	0.415	0.000	0.000
INSERVICE INSPECTION	Maintenance	2.1	0.0	229.4	0.840	0.000	133.960
	Operating	0.1	0.0	0.0	0.020	0.000	0.000
	Health Physics	0.2	0.0	55.1	0.035	0.000	29.500
	Supervisory	4.6	0.0	35.2	2.395	0.000	15.130
	Engineering	0.0	0.0	0.0	0.000	0.000	0.000
SPECIAL MAINTENANCE	Maintenance	2.3	0.0	143.6	1.025	0.000	59.005
	Operating	0.6	0.0	0.0	0.190	0.000	0.000
	Health Physics	0.4	0.0	13.4	0.055	0.000	7.135
	Supervisory	2.4	0.0	8.1	0.485	0.000	2.525
	Engineering	0.1	0.0	0.0	0.020	0.000	0.000
WASTE PROCESSING	Maintenance	3.4	0.0	13.6	0.800	0.000	5.820
	Operating	6.1	0.0	0.1	1.600	0.000	0.010
	Health Physics	1.1	0.0	19.8	0.245	0.000	6.735
	Supervisory	1.8	0.0	0.2	1.020	0.000	0.100
	Engineering	0.0	0.0	0.0	0.000	0.000	0.000
REFUELING	Maintenance	8.9	0.0	62.2	2.295	0.000	41.975
	Operating	2.3	0.0	0.0	0.825	0.000	0.000
	Health Physics	0.1	0.0	19.6	0.005	0.000	8.270
	Supervisory	7.6	0.0	8.8	2.470	0.000	5.430
	Engineering	0.9	0.0	0.0	0.145	0.000	0.000
TOTALS	Maintenance	211.0	0.0	686.0	87.895	0.000	345.590
	Operating	74.0	0.0	4.0	20.925	0.000	0.500
	Health Physics	26.0	0.0	195.0	5.235	0.000	90.540
	Supervisory	46.0	0.0	133.0	14.665	0.000	51.030
	Engineering	12.0	0.0	0.0	1.895	0.000	0.000
GRAND TOTALS		369.0	0.0	1018.0	130.615	0.000	487.660