



Long
Island
Power
Authority

Shoreham Nuclear Power Station
P.O. Box 628
North Country Road
Wading River, N.Y. 11792

FEB 25 1993

LSNRC-2035

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Annual Man-Rem Report
Shoreham Nuclear Power Station - Unit 1
Docket No. 50-322

Gentlemen:

The attached table, entitled, "Shoreham Report of Personnel and Man-Rem by Work and Job Function," is submitted to provide the information required by Technical Specifications 6.8.1.1 and 6.8.1.2.

Personnel exposures at Shoreham were only significant for "Special Maintenance" activities which supported decommissioning work such as physical decontamination, system removal, reactor pressure vessel (RPV) internals removal, and RPV segmentation and removal. Man-rem for each work and job function were obtained from direct reading dosimeter (DRD) values on each Radiation Work Permit. The doses on this table account for over 80.0% of the total whole-body doses received from external sources; thus satisfying the aggregate requirement of Technical Specification 6.8.1.2.

Included in this report, for information, is the statistical summary of personnel monitoring information required by 10CFR20.407(b). Also, included is a tabulation of the TLD doses for certain departments, divisions and sections of the Long Island Power Authority Shoreham organization.

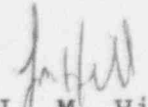
For the reporting period of 1/1/92 to 12/31/92, no individual received a measurable exposure greater than 100 mrem.

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Should you have any questions, please do not hesitate to call my office.

Very truly yours,


L. M. Hill
Resident Manager

RP/ab
Attachments

cc: L. Bell
C. L. Pittiglio
T. T. Martin
R. Nimitz

SHOREHAM NUCLEAR POWER STATION
START-DATE: 01/01/92 END-DATE: 12/31/92

SHOREHAM REPORT OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (>100 MREM)			TOTAL MAN-REM		
	STATION	UTILITY	OTHERS	STATION	UTILITY	OTHERS
REACTOR OPERATIONS & SURVEILLANCE						
MAINTENANCE PERSONNEL	0	0	0	0.000	0.000	0.000
OPERATING PERSONNEL	0	0	0	0.008	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0.005	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0.000	0.000	0.000
ROUTINE MAINTENANCE						
ALL PERSONNEL EXPOSURES WERE 0.000						
INSERVICE INSPECTION						
ALL PERSONNEL EXPOSURES WERE 0.000						
SPECIAL MAINTENANCE						
MAINTENANCE PERSONNEL	0	0	0	0.321	0.000	1.368
OPERATING PERSONNEL	0	0	0	0.051	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0.005	0.000	0.476
SUPERVISORY PERSONNEL	0	0	0	0.015	0.000	0.050
ENGINEERING PERSONNEL	0	0	0	0.035	0.000	0.023
WASTE PROCESSING						
MAINTENANCE PERSONNEL	0	0	0	0.012	0.000	0.049
OPERATING PERSONNEL	0	0	0	0.005	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0.010	0.000	0.078
SUPERVISORY PERSONNEL	0	0	0	0.003	0.000	0.008
ENGINEERING PERSONNEL	0	0	0	0.000	0.000	0.000
REFUELING						
ALL PERSONNEL EXPOSURES WERE 0.000						
TOTAL						
MAINTENANCE PERSONNEL	0	0	0	0.333	0.000	1.417
OPERATING PERSONNEL	0	0	0	0.064	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0.015	0.000	0.554
SUPERVISORY PERSONNEL	0	0	0	0.023	0.000	0.058
ENGINEERING PERSONNEL	0	0	0	0.035	0.000	0.023
GRAND TOTAL	0	0	0	0.470	0.000	2.052

TOTAL MAN-REM FOR ALL EMPLOYEES = 2.522

ALL EXPOSURES DETERMINED FROM DRD READINGS

SHOREHAM NUCLEAR POWER STATION
SNPS ANNUAL MAN-REM REPORT

START-DATE: 01/01/92
END-DATE: 12/31/92

10CFR20.407b DOSE REPORT

WHOLE BODY EXPOSURE RANGES (REM) NUMBER OF INDIVIDUALS IN RANGE

NO MEASURABLE EXPOSURE 1568

MEASURABLE EXPOSURE < 0.1 113

0.1	TO	0.25	0
0.25	TO	0.5	0
0.5	TO	0.75	0
0.75	TO	1.00	0
1.00	TO	2.00	0
2.00	TO	3.00	0
3.00	TO	4.00	0
4.00	TO	5.00	0
5.00	TO	6.00	0
6.00	TO	7.00	0
7.00	TO	8.00	0
8.00	TO	9.00	0
9.00	TO	10.00	0
10.00	TO	11.00	0
11.00	TO	12.00	0
12.00+			0

SHOREHAM NUCLEAR POWER STATION
SNPS ANNUAL MAN-REM REPORT

START-DATE: 01/01/92
END-DATE: 12/31/92

Department/Division/Section	Total Man-Rem
Contracted Maintenance	0.715
Decommissioning Dept.	
Engineering Division	0.020
Construction Division	0.015
Special Processes Division	0.265
Finance & Administration Dept.	0.000
Licensing & Regulatory Compliance Dept.	0.020
Nuclear Operations Support Dept.	0.040
Nuclear Quality Assurance Dept.	0.000
Operations & Maintenance Dept.	
Maintenance Division	0.195
Nuclear Engineering Division	0.000
Operations Division	0.040
Radiological Controls Division	
Health Physics Section	0.640
Radiochemistry Section	0.060
Radwaste Section	0.210
LILCO Site Support Department*	0.010
Visitors	<u>0.015</u>
 Total Station TLD Dose	 2.245

* Not a part of the Long Island Power Authority organization.