



South Texas Project Electric Generating Station P.O. Box 289 Wadsworth, Texas 77483

February 23, 1998
NOC-AE-0096
File No. G02

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

South Texas Project
Units 1 & 2
Docket Nos. STN 50-498 & 50-499
Annual Reports Required by Technical Specification 6.9.1.2

Attached are the Annual Reports required by the South Texas Project Technical Specification 6.9.1.2. Attachment 1 is the Annual Personnel Exposure Report required by Technical Specification 6.9.1.2.a. Attachment 2 is the annual report required by Technical Specification 6.9.1.2.b of the results of specific activity analyses for any primary coolant samples exceeding Technical Specification 3.4.8 limits.

If you have any questions on this matter, please contact Mr. S. M. Head at (512) 972-7136 or me at (512) 972-7566.

R. V. Logan
Manager,
Health Physics

PLA/

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- Attachments: 1) Annual Personnel Exposure Report
2) A Report of Results of Specific Activity Analyses for any Primary Coolant Samples Exceeding the Technical Specification 3.4.8 Limits

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ANNUAL PERSONNEL EXPOSURE REPORT

Technical Specification 6.9.1.2.a requires a tabulation on an annual basis of the number of station, utility, and other personnel (including contractors) receiving exposures greater than 100 mrem/yr according to work and job functions. This data is based on self-reading dosimetry results and is presented on page two of this attachment. Specific tasks included in the Special Maintenance work and job function are listed on page three.

02/11/98 AT 11:29

Plant Radiation Exposure Planning And REporting Database

Attachment 1
NOC-AE-0096
Page 2 of 3

Licensee : STP NUCLEAR OPERATING COMPANY

Address : Post Office Box 289

Wadsworth, Texas 77483

NRC License Number (s) : NPF - 76, NPF - 80

APPENDIX A

REPORTING YEAR 1997

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STANDARD FORMAT FOR REPORTING NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB	NUMBER OF PERSONNEL (> 100 MREM)			TOTAL MAN-REM (ALL PERSONNEL)		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACTORS AND OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACTORS AND OTHERS
REACTOR OPS & SURVEILLANCE						
OPERATIONS	27	0	0	7.168	0.000	0.000
MAINTENANCE	0	0	1	0.467	0.000	0.299
ENGINEERING	1	0	0	1.113	0.000	0.000
GEN. SUPPORT	18	0	21	6.319	0.000	6.358
NUCLEAR A&L	1	0	0	0.430	0.000	0.257
OTHER	3	0	11	0.999	0.000	2.179
ROUTINE MAINTENANCE						
OPERATIONS	0	0	0	0.160	0.000	0.000
MAINTENANCE	36	0	16	12.558	0.000	5.696
ENGINEERING	2	0	0	0.606	0.000	0.008
GEN. SUPPORT	1	0	133	1.704	0.000	45.558
NUCLEAR A&L	1	0	1	0.142	0.000	0.331
OTHER	2	0	2	0.434	0.000	0.760
IN-SERVICE INSPECTION						
OPERATIONS	0	0	0	0.098	0.000	0.000
MAINTENANCE	10	0	8	3.736	0.000	3.252
ENGINEERING	11	0	1	3.075	0.000	0.778
GEN. SUPPORT	0	0	2	0.244	0.000	0.744
NUCLEAR A&L	1	0	10	0.558	0.000	2.458
OTHER	3	0	0	0.891	0.000	0.001
SPECIAL MAINTENANCE						
OPERATIONS	0	0	0	0.300	0.000	0.000
MAINTENANCE	22	0	13	8.110	0.000	3.315
ENGINEERING	1	0	0	0.428	0.000	0.000
GEN. SUPPORT	13	0	199	4.446	0.000	92.403
NUCLEAR A&L	0	0	1	0.236	0.000	0.200
OTHER	2	0	12	0.555	0.000	2.882
WASTE PROCESSING						
OPERATIONS	2	0	0	0.614	0.000	0.000
MAINTENANCE	3	0	0	1.757	0.000	0.084
ENGINEERING	0	0	0	0.016	0.000	0.000
GEN. SUPPORT	6	0	28	2.823	0.000	7.615
NUCLEAR A&L	0	0	0	0.039	0.000	0.000
OTHER	1	0	0	0.382	0.000	0.003
REFUELING						
OPERATIONS	1	0	0	0.270	0.000	0.000
MAINTENANCE	30	0	1	10.510	0.000	0.716
ENGINEERING	3	0	0	0.825	0.000	0.001
GEN. SUPPORT	10	0	62	3.378	0.000	17.836
NUCLEAR A&L	1	0	2	0.239	0.000	0.127
OTHER	6	0	0	1.093	0.000	0.197
TOTAL WORK & JOB FUNCTION						
OPERATIONS	30	0	0	8.610	0.000	0.000
MAINTENANCE	101	0	39	37.138	0.000	13.362
ENGINEERING	18	0	1	6.063	0.000	0.787
GEN. SUPPORT	48	0	445	18.914	0.000	170.515
NUCLEAR A&L	4	0	14	1.644	0.000	3.373
OTHER	17	0	25	4.354	0.000	6.422
GRAND TOTAL	218	0	524	76.723	0.000	194.459

1997 Annual Personnel Exposure Report Technical Specification 6.9.1.2

Additional Information

1. The South Texas Project includes two 1250 Mw_e Westinghouse four-loop pressurized water reactors.
2. During 1997, Unit 2 completed its fifth refueling outage in 17.5 days which included the following special maintenance activities:
 - a) Primary inspections on all Unit 2 steam generators with 150 tubes plugged
 - b) Secondary side inspections and sludge lancing on all Unit 2 steam generators
 - c) Reactor coolant pump motor interference removal for two pumps to prepare for pump removal.
3. During 1997, Unit 1 completed its seventh refueling outage in 21.5 days which included the following special maintenance activities:
 - a) Primary inspections on all Unit 1 steam generators with 308 tubes plugged
 - b) Reactor coolant pump motor interference removal for two pumps to prepare for pump removal
 - c) Replacement of one reactor coolant pump motor.
4. The estimated exposure described in this report is based on electronic dosimeter (ALNOR) values.

Primary Coolant Specific Activity Report

Technical Specification 6.9.1.2.b requires the results of the specific activity analyses in which the primary coolant exceeded the limits of Technical Specification 3.4.8 to be reported on an annual basis.

Unit 1 and Unit 2 have not exceeded the limits of Technical Specification 3.4.8 for the calendar year of 1997.