



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


February 27, 2001
NOC-AE-01001042
File No. G02
STI: 31239428

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 (361) 972-7136 or me at (361) 972-7566.


G.T. Powell
Manager,
Health Physics

MKJ/

- 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

ACD

cc:

Ellis W. Merschoff
Regional Administrator, Region IV
U.S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 400
Arlington, Texas 76011-8064

John A. Nakoski
Addressee Only
U. S. Nuclear Regulatory Commission
Project Manager, Mail Stop OWFN/7-D-1
Washington, DC 20555-0001

Mohan C. Thadani
Addressee Only
U. S. Nuclear Regulatory Commission
Project Manager, Mail Stop OWFN/7-D-1
Washington, DC 20555

Cornelius F. O'Keefe
c/o U. S. Nuclear Regulatory Commission
P. O. Box 910
Bay City, TX 77404-0910

A. H. Gutterman, Esquire
Morgan, Lewis & Bockius
1800 M. Street, N.W.
Washington, DC 20036-5869

M. T. Hardt/W. C. Gunst
City Public Service
P. O. Box 1771
San Antonio, TX 78296

A. Ramirez/C. M. Canady
City of Austin
Electric Utility Department
721 Barton Springs Road
Austin, TX 78704

Jon C. Wood
Matthews & Branscomb
112 East Pecan, Suite 1100
San Antonio, Texas 78205-3692

Institute of Nuclear Power
Operations - Records Center
700 Galleria Parkway
Atlanta, GA 30339-5957

Richard A. Ratliff
Bureau of Radiation Control
Texas Department of Health
1100 West 49th Street
Austin, TX 78756-3189

R. L. Balcom/D. G. Tees
Houston Lighting & Power Co.
P. O. Box 1700
Houston, TX 77251

C. A. Johnson/R. P. Powers
AEP - Central Power and Light Company
P. O. Box 289, Mail Code: N5012
Wadsworth, TX 77483

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555-0001

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 2 of this attachment. Specific tasks included in the Special Maintenance work and job function are listed on page 3.

02/14/01 AT 14:19

Plant Radiation Exposure Planning And REporting Database

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 2000

Page 1 OF 1

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	6	0	0	3.222	0.000	0.000
MAINTENANCE	0	0	0	0.369	0.000	0.005
ENGINEERING	0	0	0	0.513	0.000	0.063
GEN. SUPPORT	8	0	11	3.201	0.000	3.588
NUCLEAR A&L	0	0	0	0.107	0.000	0.018
PROJECTS	0	0	0	0.140	0.000	0.466
OTHER	0	0	0	0.337	0.000	0.059
ROUTINE MAINTENANCE						
OPERATIONS	1	0	0	0.413	0.000	0.000
MAINTENANCE	16	0	1	6.689	0.000	0.352
ENGINEERING	0	0	0	0.184	0.000	0.003
GEN. SUPPORT	2	0	0	0.784	0.000	0.278
NUCLEAR A&L	0	0	0	0.016	0.000	0.002
PROJECTS	1	0	15	0.206	0.000	6.174
OTHER	0	0	0	0.072	0.000	0.000
IN-SERVICE INSPECTION						
OPERATIONS	0	0	0	0.000	0.000	0.000
MAINTENANCE	5	0	0	0.883	0.000	0.294
ENGINEERING	2	0	0	0.627	0.000	0.040
GEN. SUPPORT	0	0	0	0.007	0.000	0.048
NUCLEAR A&L	0	0	0	0.011	0.000	0.001
PROJECTS	0	0	6	0.105	0.000	1.689
OTHER	0	0	0	0.007	0.000	0.000
SPECIAL MAINTENANCE						
OPERATIONS	0	0	0	0.000	0.000	0.000
MAINTENANCE	21	0	14	6.087	0.000	3.430
ENGINEERING	6	0	0	1.524	0.000	0.050
GEN. SUPPORT	10	0	40	2.618	0.000	9.992
NUCLEAR A&L	0	0	1	0.053	0.000	0.275
PROJECTS	0	0	417	0.352	0.000	153.300
OTHER	2	0	8	0.447	0.000	1.642
WASTE PROCESSING						
OPERATIONS	2	0	0	0.474	0.000	0.000
MAINTENANCE	0	0	0	0.090	0.000	0.002
ENGINEERING	0	0	0	0.000	0.000	0.000
GEN. SUPPORT	1	0	14	1.038	0.000	3.653
NUCLEAR A&L	0	0	0	0.002	0.000	0.000
PROJECTS	0	0	0	0.000	0.000	0.066
OTHER	1	0	0	0.279	0.000	0.001
REFUELING						
OPERATIONS	0	0	0	0.040	0.000	0.000
MAINTENANCE	8	0	2	3.106	0.000	0.909
ENGINEERING	1	0	0	0.324	0.000	0.001
GEN. SUPPORT	1	0	8	0.498	0.000	1.591
NUCLEAR A&L	0	0	0	0.073	0.000	0.041
PROJECTS	0	0	19	0.028	0.000	4.844
OTHER	0	0	1	0.350	0.000	0.107
TOTAL WORK & JOB FUNCTION						
OPERATIONS	9	0	0	4.149	0.000	0.000
MAINTENANCE	50	0	17	17.224	0.000	4.992
ENGINEERING	9	0	0	3.172	0.000	0.157
GEN. SUPPORT	22	0	73	8.146	0.000	19.150
NUCLEAR A&L	0	0	1	0.262	0.000	0.337
PROJECTS	1	0	457	0.831	0.000	166.539
OTHER	3	0	9	1.492	0.000	1.809
GRAND TOTAL	94	0	557	35.276	0.000	192.984

THIS REPORT IS SQA LEVEL 2 PER 0PGP07-ZA-0014

2000 Annual Personnel Exposure Report Technical Specification 6.9.1.2

Additional Information

1. The South Texas Project includes two 1250 MWe Westinghouse four-loop pressurized water reactors.
2. During 2000, Unit 1 completed its ninth refueling outage, 1RE09. Outage 1RE09 involved refueling and replacement of four steam generators.
3. Outage 1RE09 was completed in 76 days with a total dose of 210 rem. The following are major activities that occurred during this outage.
 - a) Steam Generator Replacement Activities (172.5 rem)
 - b) Refueling Maintenance Activities (7.3 rem)
 - c) Core Exit Thermocouples (2.4 rem)
 - d) Bottom Mounted Instrumentation Seal Repairs (2.8 rem)
 - e) Excore Detector Replacement (3.2 rem)
4. During 2000, the highest exposed individual received 0.98 rem by electronic dosimeter records.
5. A new category, PROJECTS, has been added to the tabular report. This category includes organizations composed primarily of contract personnel whose function is to support outage activities. Previously, these individuals had been included in the GEN. SUPPORT category. With the addition of the PROJECTS category, the GEN. SUPPORT category includes site organizations such as Health Physics and Chemistry which are involved in both routine operations and outage activities .

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 2000.