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Waterford 3

W3F1-2003-0006
A4.05
PR

March 28, 2003

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

Subject: Waterford 3 SES
Docket No. 50-382
License No. NPF-38
Personnel Monitoring Reports

Gentlemen:

Attached are the following 2002 Personnel Monitoring Annual Reports submitted pursuant to the requirements of Technical specification 6.9.1.5:

1. Attachment 1 – Summary of Individual Monitoring – End of Year Report 2002
2. Attachment 2 – Work and Job Function Exposure Tabulation – End of Year Report 2002.

This letter does not contain any commitments. Should you have any questions on the monitoring reports, please contact G.C. Scott at (504) 739-6703.

Very truly yours,

A handwritten signature in black ink that reads "K. J. Peters".

K. J. Peters
Director
Nuclear Safety Assurance

KJP/GCS/cbh

Attachments

cc: E.W. Merschoff (NRC Region IV), N. Kalyanam (NRC-NRR), J. Smith,
N.S. Reynolds, NRC Resident Inspectors Office

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Attachment 1 to W3F1-2003-0006

**Summary of Individual Monitoring
End of Year Report 2002**

Waterford 3 S.E.S

License: NPF-38

Docket # : 50-382

Summary of Individual Monitoring - End of Year Report 2002

Per Technical Specification 6.9.1.5

Estimated Whole Body Exposure Range (rem)	Number of Individuals in each Range
No measureable exposure	1022
< 0.100	461
0.100 to < 0.250	230
0.250 to < 0.500	85
0.500 to < 0.750	25
0.750 to < 1.000	6
1.000 to < 2.000	4
Total Number of Personnel Monitored	1833

Attachment 2 to W3F1-2003-0006

**Work and Job Function Exposure Tabulation
End of Year Report 2002**

WATERFORD 3
17265 RIVER RD.
KILONA LA 70057

Date: 17-MAR-2003 13:24

LICENSE: NPF-38

Regulatory Guide 1.16 Information
End of Year Report 2002

Work and Job Function	Number of Personnel > 100 mrem			Total man-rem *		
	Station	Utility	Contractor	Station	Utility	Contractor
ROUTINE OPERATIONS AND SURVEILLANCE						
MAINTENANCE	0	0	0	0.632	0.091	0.457
OPERATIONS	17	0	0	5.615	0.058	0.253
HEALTH PHYSICS	10	9	5	3.591	2.433	1.408
SUPERVISORY	0	0	0	0.149	0.014	0.042
ENGINEERING	1	0	0	0.762	0.051	0.227
ROUTINE PLANT MAINTENANCE						
MAINTENANCE	12	2	60	4.335	2.089	18.054
OPERATIONS	8	0	7	2.176	0.084	1.649
HEALTH PHYSICS	6	2	2	1.158	0.379	0.826
SUPERVISORY	0	0	0	0.113	0.001	0.001
ENGINEERING	0	0	0	0.318	0.003	1.337
INSERVICE INSPECTION						
MAINTENANCE	0	0	0	0.144	0.088	0.315
OPERATIONS	0	0	2	0.381	0.152	0.930
HEALTH PHYSICS	0	0	0	0.000	0.000	0.000
SUPERVISORY	0	0	0	0.026	0.000	0.002
ENGINEERING	0	0	25	0.000	0.000	10.610
SPECIAL MAINTENANCE **						
MAINTENANCE	15	14	4	4.048	3.113	6.266
OPERATIONS	3	0	0	1.256	0.009	0.065
HEALTH PHYSICS	0	0	0	0.122	0.038	0.030
SUPERVISORY	3	0	0	0.951	0.003	0.000
ENGINEERING	3	0	10	0.943	0.007	5.012
WASTE PROCESSING						
MAINTENANCE	0	0	0	0.008	0.000	0.000
OPERATIONS	1	0	1	0.663	0.001	0.270
HEALTH PHYSICS	0	0	0	0.122	0.008	0.010
SUPERVISORY	0	0	0	0.000	0.000	0.000
ENGINEERING	0	0	0	0.000	0.000	0.000
REFUELING						
MAINTENANCE	9	2	26	4.806	0.984	8.728
OPERATIONS	22	1	3	6.840	0.252	0.649
HEALTH PHYSICS	1	4	1	0.645	0.764	0.360
SUPERVISORY	0	0	0	0.019	0.000	0.019
ENGINEERING	1	1	36	0.378	0.206	4.727
Totals						
MAINTENANCE	36	18	90	13.973	6.365	33.820
OPERATIONS	51	1	13	16.931	0.556	3.816
HEALTH PHYSICS	17	15	8	5.638	3.622	2.634
SUPERVISORY	3	0	0	1.258	0.018	0.064
ENGINEERING	5	1	71	2.401	0.267	21.913
Grand Totals	112	35	182	40.201	10.828	62.247

* The total radiation exposure of the above personnel constitutes 100% of the site's exposure for the year.

** Special Maintenance consisted of installation of containment over pressurization protection, replacing SI-142"A", installation of Mansell level monitoring system, Reactor Head stand modification, installation of permanent cavity pool seal, dive to remove alignment pin bolt engagement, entering RCB at power to vent SI-4051"B", entering RCB at power to add oil to RCP 2B, RCB power entry to set limits on GWM-104, RCB power entry to verify torque on SI-1421"A", installation of auto air elimination modification on SI-133"A", installation of CEDM cooling modification on reactor head, installation of auto air elimination modification on SI-1402"A", controlled bleed off modification in Flash Tank Room, replacing RCP 2B and 2A seal cartridge, rework of RCP motors, remove/replace Steam Generator manways, installation /removal of nozzle dams, sludge lancing, grinding out O-ring on steam generator #1 secondary side, and FOSAR on steam generator #2 secondary side, pressurizer heater replacement.

NOTE: The dose assignments to the various duty functions are based on electronic dosimeter measurements and not TLDs.