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W3F1-2004-0023

March 25, 2004

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

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

Dear Sir or Madam:

Attached are the following 2003 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 2003
2. Attachment 2 – Work and Job Function Exposure Tabulation – End of Year Report 2003.

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.

Sincerely,

A handwritten signature in cursive script that reads "G. Sen".

G. Sen
Licensing Manager

GS/GCS/cbh

Attachment(s)

IES6

cc: Mr. Bruce S. Mallett
Regional Administrator
U. S. Nuclear Regulatory Commission
Region IV
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Arlington, TX 76011-8064

NRC Senior Resident Inspector
Waterford Steam Electric Station Unit 3
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Killona, LA 70066-0751

U. S. Nuclear Regulatory Commission
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Attachment 1

W3F1-2004-0023

**Summary of Individual Monitoring
End of Year Report 2003**

Waterford 3 S.E.S

License: NPF-38

Docket # : 50-382

Summary of Individual Monitoring - End of Year Report 2003

Per Technical Specification 6.9.1.5

Estimated Whole Body Exposure Range (rem)	Number of Individuals in each Range
No measureable exposure	1079
< 0.100	446
0.100 to < 0.250	144
0.250 to < 0.500	85
0.500 to < 0.750	28
0.750 to < 1.000	5
1.000 to < 2.000	2
Total Number of Personnel Monitored	1789

Attachment 2

W3F1-2004-0023

**Work and Job Function Exposure Tabulation
End of Year Report 2003**

Regulatory Guide 1.16 Information
 End of Year Report 2003

Work and Job Function	Number of Personnel > 100 mrem			Total man-rem *		
	Station	Utility	Contractor	Station	Utility	Contractor
ROUTINE OPERATIONS AND SURVEILLANCE						
MAINTENANCE AND CONSTRUCTION	0	0	0	0.287	0.036	0.122
OPERATIONS	8	0	0	3.827	0.026	0.087
HEALTH PHYSICS	10	7	7	3.021	1.883	2.268
SUPERVISORY	0	0	0	0.030	0.013	0.042
ENGINEERING	0	0	0	0.696	0.056	0.212
ROUTINE PLANT MAINTENANCE						
MAINTENANCE AND CONSTRUCTION	8	1	46	4.006	1.717	13.956
OPERATIONS	7	0	2	1.839	0.071	0.615
HEALTH PHYSICS	1	0	4	0.671	0.191	1.810
SUPERVISORY	1	0	0	0.136	0.004	0.006
ENGINEERING	0	0	0	0.338	0.097	0.969
INSERVICE INSPECTION						
MAINTENANCE AND CONSTRUCTION	0	0	0	0.170	0.038	0.191
OPERATIONS	0	0	0	0.636	0.244	0.563
HEALTH PHYSICS	0	0	0	0.002	0.005	0.009
SUPERVISORY	0	0	0	0.000	0.000	0.048
ENGINEERING	0	0	29	0.002	0.001	11.442
SPECIAL PLANT MAINTENANCE **						
MAINTENANCE AND CONSTRUCTION	19	11	14	6.216	2.734	7.254
OPERATIONS	10	8	2	4.794	5.203	0.584
HEALTH PHYSICS	0	0	0	0.032	0.000	0.059
SUPERVISORY	3	0	0	1.378	0.000	0.000
ENGINEERING	2	3	21	0.317	0.997	7.441
WASTE PROCESSING						
MAINTENANCE AND CONSTRUCTION	0	0	0	0.012	0.000	0.004
OPERATIONS	0	0	0	0.340	0.002	0.097
HEALTH PHYSICS	0	0	0	0.059	0.000	0.017
SUPERVISORY	0	0	0	0.000	0.000	0.000
ENGINEERING	0	0	0	0.004	0.000	0.409
REFUELING						
MAINTENANCE AND CONSTRUCTION	4	6	4	2.221	2.696	2.158
OPERATIONS	12	0	0	4.811	0.000	0.075
HEALTH PHYSICS	0	0	1	0.000	0.048	0.186
SUPERVISORY	0	2	0	0.000	0.380	0.000
ENGINEERING	0	0	10	0.040	0.021	3.767
Totals						
MAINTENANCE AND CONSTRUCTION	31	18	64	12.912	7.221	23.685
OPERATIONS	37	8	4	16.247	5.546	2.021
HEALTH PHYSICS	11	7	12	3.785	2.127	4.349
SUPERVISORY	4	2	0	1.544	0.397	0.096
ENGINEERING	2	3	60	1.397	1.172	24.240
Grand Totals	85	38	140	35.885	16.463	54.391

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

** Special Plant Maintenance includes replacement of SI-138A valve, SI-407B valve, RCP 1B seal, removal of O-ring and clamps, removal of UGS Guide bushing, removal and replacement of steam generator manways and nozzle dams, pressurizer repair of Alloy 600 nozzles, ICI thimble growth measurements, grinding indications on ICI nozzles, rework of RCP motors, and pressurizer heater replacement.

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