



Entergy Nuclear South
Entergy Operations, Inc.
17265 River Road
Killona, LA 70057

W3F1-2005-0020

March 24, 2005

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

Subject: Personnel Monitoring Reports
Waterford Steam Electric Station, Unit 3 (Waterford 3)
Docket No. 50-382
License No. NPF-38

Dear Sir or Madam:

Attached are the following 2004 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 2004
2. Attachment 2 – Work and Job Function Exposure Tabulation – End of Year Report 2004.

There are no new commitments contained in this submittal. Should you have any questions on the monitoring reports, please contact Greg Scott at (504) 739-6703.

Sincerely,

A handwritten signature in black ink, appearing to read "R. J. Murillo".

R. J. Murillo
Acting Licensing Manager

RJM/GCS/ssf

Attachment(s)

IES4

cc: Dr. Bruce S. Mallett
Regional Administrator
U. S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064

NRC Senior Resident Inspector
Waterford Steam Electric Station Unit 3
P.O. Box 822
Killona, LA 70066-0751

U. S. Nuclear Regulatory Commission
Attn: Mr. N. Kalyanam
Mail Stop O-07D1
Washington, DC 20555-0001

Wise, Carter, Child & Caraway
ATTN: J. Smith
P.O. Box 651
Jackson, MS 39205

Winston & Strawn
ATTN: N.S. Reynolds
1400 L Street, NW
Washington, DC 20005-3502

Attachment 1

W3F1-2005-0020

**Summary of Individual Monitoring
End of Year Report 2004**

Waterford 3 S.E.S

License: NPF-38

Docket # : 50-382

Summary of Individual Monitoring - End of Year Report 2004

Per Technical Specification 6.9.1.5

Estimated Whole Body Exposure Range (rem)	Number of Individuals in each Range
-----	-----
No measureable exposure	923
< 0.100	158
0.100 to < 0.250	4
0.250 to < 0.500	0
0.500 to < 0.750	0
0.750 to < 1.000	0
1.000 to < 2.000	0
Total Number of Personnel Monitored	1085

Attachment 2

W3F1-2005-0020

**Work and Job Function Exposure Tabulation
End of Year Reports 2004**

WATERFORD 3
 17265 RIVER RD.
 KILONA LA 70066
 LICENSE: NPF-38

Date: 21-MAR-2005 15:28

Regulatory Guide 1.16 Information
 End of Year Report 2004

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	0.091	0.000	0.015
OPERATIONS	1	0	0	1.083	0.000	0.015
HEALTH PHYSICS	2	0	0	0.661	0.001	0.003
SUPERVISORY	0	0	0	0.001	0.000	0.007
ENGINEERING	0	0	0	0.061	0.000	0.001
ROUTINE PLANT MAINTENANCE						
MAINTENANCE AND CONSTRUCTION	0	0	0	1.062	0.001	0.307
OPERATIONS	0	0	0	0.327	0.004	0.001
HEALTH PHYSICS	0	0	0	0.004	0.000	0.000
SUPERVISORY	0	0	0	0.011	0.000	0.000
ENGINEERING	0	0	0	0.007	0.000	0.000
INSERVICE INSPECTION						
MAINTENANCE AND CONSTRUCTION	0	0	0	0.001	0.000	0.000
OPERATIONS	0	0	0	0.024	0.000	0.000
HEALTH PHYSICS	0	0	0	0.000	0.000	0.000
SUPERVISORY	0	0	0	0.000	0.000	0.000
ENGINEERING	0	0	0	0.000	0.000	0.000
SPECIAL PLANT MAINTENANCE						
MAINTENANCE AND CONSTRUCTION	0	0	0	0.000	0.000	0.000
OPERATIONS	0	0	0	0.000	0.000	0.000
HEALTH PHYSICS	0	0	0	0.000	0.000	0.000
SUPERVISORY	0	0	0	0.000	0.000	0.000
ENGINEERING	0	0	0	0.000	0.000	0.000
WASTE PROCESSING						
MAINTENANCE AND CONSTRUCTION	0	0	0	0.001	0.000	0.000
OPERATIONS	0	0	0	0.203	0.000	0.049
HEALTH PHYSICS	0	0	0	0.058	0.000	0.000
SUPERVISORY	0	0	0	0.000	0.000	0.000
ENGINEERING	0	0	0	0.000	0.000	0.000
REFUELING						
MAINTENANCE AND CONSTRUCTION	0	0	0	0.000	0.000	0.000
OPERATIONS	0	0	0	0.000	0.000	0.000
HEALTH PHYSICS	0	0	0	0.000	0.000	0.000
SUPERVISORY	0	0	0	0.000	0.000	0.000
ENGINEERING	0	0	0	0.000	0.000	0.005
Totals						
MAINTENANCE AND CONSTRUCTION	0	0	0	1.155	0.001	0.322
OPERATIONS	1	0	0	1.637	0.004	0.065
HEALTH PHYSICS	2	0	0	0.723	0.001	0.003
SUPERVISORY	0	0	0	0.012	0.000	0.007
ENGINEERING	0	0	0	0.068	0.000	0.006
Grand Totals	3	0	0	3.595	0.006	0.403

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

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