



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
612 EAST LAMAR BLVD, SUITE 400
ARLINGTON, TEXAS 76011-4125

April 15, 2009

Joseph Kowalewski
Vice President, Operations
Waterford 3
Entergy Operations, Inc.
17265 River Road
Killona, LA 70066-0751

SUBJECT: WATERFORD STEAM ELECTRIC STATION, UNIT 3 - NRC RADIATION
SAFETY TEAM INSPECTION REPORT 05000382/2009007

Dear Mr. Kowalewski:

On March 6, 2009, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at your Waterford Steam Electric Station, Unit 3. The enclosed report documents the inspection findings, which were discussed at the conclusion of the inspection with you and members of your staff.

The team reviewed selected procedures and records, observed activities, and interviewed personnel. Specifically, the team evaluated the inspection areas within the Radiation Protection Strategic Performance Area that are scheduled for review every two years. These areas are:

- Radiation Monitoring Instrumentation
- Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems
- Radioactive Material Processing and Transportation
- Radiological Environmental Monitoring Program and Radioactive Material Control Program

Based on the results of this inspection, no findings of significance were identified.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response (if any) will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

Gregory E. Werner, Chief
Plant Support Branch 2
Division of Reactor Safety

Entergy Operations, Inc.

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Docket: 50-382
License: NPF-38

Enclosure:
NRC Inspection Report 05000382/2009007
w/attachment: Supplemental Information

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File located: S/DRS/REPORTS/WAT2009007LCC.doc

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LCCarsonII/dch	LTRicketson	DCGraves	DLStearns	GEWerner	
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4/15/09	4/15/09				

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**U.S. NUCLEAR REGULATORY COMMISSION
REGION IV**

Dockets: 50-382
Licenses: NPF-38
Report: 05000382/2009007
Licensee: Entergy Operations, Inc
Facility: Waterford Steam Electric Station, Unit 3
Location: Hwy. 18
Killona, Louisiana

Dates: March 2 through 6, 2009

Inspectors: L. C. Carson II, Senior Health Physicist and Team Leader
L. T. Ricketson, P.E., Senior Health Physicist
D. C. Graves, Health Physicist
D. L. Stearns, Health Physicist

Accompanied By: N. A. Greene, Health Physicist

Approved By: Gregory E. Werner, Chief
Plant Support Branch 2
Division of Reactor Safety

SUMMARY OF FINDINGS

IR 05000382/2009007; 03/02/2007 - 03/06/2007; Waterford Steam Electric Station, Unit 3;
Radiation Safety Team Inspection

The report covered a one-week period of onsite inspections by a team of four region-based health physics inspectors. The NRC's program for overseeing the safe operation of commercial nuclear power reactors is described in NUREG-1649, "Reactor Oversight Process," Revision 4, dated December 2006.

A. NRC-Identified and Self-Revealing Findings

No findings of significance were identified.

B. Licensee-Identified Violations

None

Report Details

2. RADIATION SAFETY

Cornerstones: Occupational Radiation Safety [OS] and Public Radiation Safety [PS]

2OS3 Radiation Monitoring Instrumentation and Protective Equipment (71121.03)

a. Inspection Scope

This area was inspected to determine the accuracy and operability of radiation monitoring instruments that are used for the protection of occupational workers and the adequacy of the program to provide self-contained breathing apparatus to workers. The team used the requirements in 10 CFR Part 20 and the licensee's procedures required by technical specifications as criteria for determining compliance. The team interviewed licensee personnel and reviewed:

- Calibration of area radiation monitors associated with transient high and very high radiation areas and post-accident monitors used for remote emergency assessment;
- Calibration of portable radiation detection instrumentation, electronic alarming dosimetry, and continuous air monitors used for job coverage;
- Calibration of whole body counting equipment and radiation detection instruments utilized for personnel and material release from the radiologically controlled area;
- Audits and self-assessments; licensee event reports or special reports, if any were required since the previous inspection;
- Corrective action program reports since the last inspection;
- Licensee action in cases of repetitive deficiencies or significant individual deficiencies;
- Calibration expiration and source response check currency on radiation detection instruments staged for use;
- The licensee's capability for refilling and transporting self-contained breathing apparatus air bottles to and from the control room and operations support center during emergency conditions, status of self-contained breathing apparatus staged and ready for use in the plant and associated surveillance records, and personnel qualification and training;

- Qualification documentation for onsite personnel designated to perform maintenance on the vendor-designated vital components, and the vital component maintenance records for self-contained breathing apparatus units;

Either because the conditions did not exist or an event had not occurred, no opportunities were available to review the following items:

- Licensee event reports or special reports

Specific documents reviewed during this inspection are listed in the attachment.

These activities constitute completion of nine of the required nine samples, as defined in Inspection Procedure 71121.03-05.

b. Findings

No findings of significance were identified.

2PS1 Radioactive Gaseous And Liquid Effluent Treatment And Monitoring Systems (71122.01)

a. Inspection Scope

This area was inspected to: (1) ensure that the gaseous and liquid effluent processing systems are maintained so that radiological discharges are properly mitigated, monitored, and evaluated with respect to public exposure; (2) ensure that abnormal radioactive gaseous or liquid discharges and conditions, when effluent radiation monitors are out-of-service, are controlled in accordance with the applicable regulatory requirements and licensee procedures; (3) verify that the licensee's quality control program ensures that the radioactive effluent sampling and analysis requirements are satisfied so that discharges of radioactive materials are adequately quantified and evaluated; and (4) verify the adequacy of public dose projections resulting from radioactive effluent discharges. The team used the requirements in: 10 CFR Part 20; 10 CFR Part 50, Appendices A and I; 40 CFR Part 190; the Offsite Dose Calculation Manual; and licensee procedures required by the Technical Specifications as criteria for determining compliance.

The team conducted an in-office inspection and reviewed:

- Appropriate program documents, procedures and evaluations related to the radiological effluent controls program listed in the attachment to this report;
- The implementation of the Radiological Effluent Controls Program requirements as described in Radiological Effluent Technical Specifications;

- Changes, if any, to the liquid or gaseous radioactive waste system design, procedures, or operation as described in the Final Safety Analysis Report;
- Changes, if any, to the Offsite Dose Calculation Manual made by the licensee since the last inspection;
- Effluent monitoring instrumentation documentation to ensure adequate methods and monitoring of effluents;
- The program for identifying, assessing, and controlling contaminated spills and leaks;
- The annual effluent release reports and the correlation to the environmental monitoring results;
- The results from quality assurance audits.

The team conducted an onsite inspection which included interviewing cognizant licensee personnel, performing walkdowns of facilities and equipment, and observing licensee activities to review:

- The gaseous and liquid discharge system configuration;
- Selected point of discharge effluent radiation monitoring systems and flow measurement devices;
- The observation of selected portions of the routine processing and discharge of radioactive gaseous and liquid effluent (sample collection and analysis) including a selection of radioactive gaseous and liquid waste effluent discharge permits;
- Effluent discharges made with inoperable (declared out-of-service) effluent radiation monitors including the projected doses to members of the public;
- Surveillance test results on non-safety related ventilation and gaseous discharge systems (high efficiency particulate air and charcoal filtration) including the methodology to determine the stack and vent flow rates;
- The identification of non-radioactive systems that have become contaminated, if applicable;
- Effluent monitoring instrument (installed and counting room) maintenance, quality control, and calibration;
- The methods used to determine the isotopes in the plant source term, meteorological dispersion and deposition factors, and hydrogeologic

characteristics used in the Offsite Dose Calculation Manual and effluent dose calculations including a selection of monthly, quarterly, and annual dose calculations;

- The land-use census;
- Records of abnormal gaseous or liquid discharges, if any, including the evaluation and analysis of events involving spills or discharges, dose assessments to members of the public, required (or voluntary) offsite notifications, and assessments and reporting of abnormal discharges in the Annual Radiological Effluent Release Report;
- Evaluations of discharges from onsite surface water bodies, if any;
- Routine groundwater monitoring results;
- Audits and self-assessments; licensee event reports or special reports, if any were required since the previous inspection;
- The results of the inter-laboratory comparison program;
- Effluent sampling records;
- The calibration of post-accident effluent monitoring instrumentation and expected accident source.

The team reviewed the licensee's program of problem identification and resolution, including:

- Placement of problems identified through audits, self assessments, and monitoring results into the corrective action program and adequacy of immediate and long term corrective actions;
- Problem identification and resolution follow-up activities;
- Identification of repetitive deficiencies or significant individual deficiencies in problem identification and resolution identified by the licensee's self-assessment activities.

Specific documents reviewed during this inspection are listed in the attachment.

These activities constitute completion of three of the required three samples, as defined in Inspection Procedure 71122.01-05.

b. Findings

No findings of significance were identified.

2PS2 Radioactive Material Processing and Transportation (71122.02)

a. Inspection Scope

This area was inspected to verify that the licensee's radioactive material processing and transportation program complies with the requirements of 10 CFR Parts 20, 61, and 71 and Department of Transportation regulations contained in 49 CFR Parts 171-180. The team interviewed licensee personnel and reviewed:

- The radioactive waste system description, recent radiological effluent release reports, and the scope of the licensee's audit program;
- Liquid and solid radioactive waste processing systems configurations, the status and control of any radioactive waste process equipment that is not operational or is abandoned in place, changes made to the radioactive waste processing systems since the last inspection, and current processes for transferring radioactive waste resin and sludge discharges;
- Radio-chemical sample analysis results for radioactive waste streams and use of scaling factors and calculations to account for difficult-to-measure radionuclides;
- Shipment packaging, surveying, labeling, marking, placarding, vehicle checking, driver instructing, and disposal manifesting;
- Shipping records for non-excepted package shipments;
- Audits and self-assessments, licensee event reports, special reports, audits, and state agency reports, if any were required since the previous inspection.

Either because the conditions did not exist or an event had not occurred, no opportunities were available to review the following items:

- Licensee event reports or special reports

Specific documents reviewed during this inspection are listed in the attachment.

These activities constitute completion of six of the required six samples, as defined in Inspection Procedure 71122.02-05.

b. Findings

No findings of significance were identified.

2PS3 Radiological Environmental Monitoring Program and Radioactive Material Control Program (71122.03)

a. Inspection Scope

This area was inspected to ensure that the radiological environmental monitoring program verifies the impact of radioactive effluent releases to the environment and sufficiently validates the integrity of the radioactive gaseous and liquid effluent release program; and that the licensee's surveys and controls are adequate to prevent the inadvertent release of licensed materials into the public domain. The team used the requirements in 10 CFR Part 20, Appendix I of 10 CFR Part 50, the Offsite Dose Calculation Manual, and the licensee's procedures required by technical specifications as criteria for determining compliance. The team interviewed licensee personnel and reviewed:

- Annual environmental monitoring reports and licensee event reports, if any were required since the previous inspection;
- Selected air sampling and thermoluminescence dosimeter monitoring stations;
- Collection and preparation of environmental samples;
- Operability, calibration, and maintenance of meteorological instruments;
- Each event, if any, documented in the Annual Environmental Monitoring Report which involved a missed sample, inoperable sampler, lost thermoluminescence dosimeter, or anomalous measurement;
- Significant changes, if any, made by the licensee to the Offsite Dose Calculation Manual as the result of changes to the land census or sampler station modifications since the last inspection;
- Calibration and maintenance records for air samplers, composite water samplers, and environmental sample radiation measurement instrumentation, quality control program, interlaboratory comparison program results, and vendor audits;
- Locations where the licensee monitors potentially contaminated material leaving the radiological controlled area [or controlled access area] and the methods used for control, survey, and release from these areas;
- Type of radiation monitoring instrumentation used to monitor items released, survey and release criteria of potentially contaminated material, radiation detection sensitivities, procedural guidance, and material release records;
- Audits, self-assessments, corrective action documents and licensee event reports or special reports, if any were required, since the previous inspection.

Either because the conditions did not exist or an event had not occurred, no opportunities were available to review the following items:

- Licensee event reports or special reports

Specific documents reviewed during this inspection are listed in the attachment.

These activities constitute completion of ten of the required ten samples, as defined in Inspection Procedure 71122.03-05.

b. Findings

No findings of significance were identified.

4. OTHER ACTIVITIES

40A2 Problem Identification and Resolution

Annual Sample Review

a. Inspection Scope

The team evaluated the effectiveness of the licensee's problem identification and resolution process with respect to the following inspection areas:

- Radiation Monitoring Instrumentation; (Section 2OS3)
- Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems; (Section 2PS1)
- Radioactive Material Processing and Transportation; (Section 2PS2)
- Radiological Environmental Monitoring Program and Radioactive Material Control Program. (Section 2PS3)

b. Findings and Observations

No findings of significance were identified.

40A5 Other Activities

.1 (Closed) Temporary Instruction 2515/173, "Review of the Implementation of the Industry Groundwater Protection Voluntary Initiative"

a. Inspection Scope

An NRC assessment was performed of the licensee's groundwater protection program to determine whether the licensee implemented the voluntary Industry Groundwater Protection Initiative, dated August 2007 (Nuclear Energy Institute 07-07, ADAMS Accession Number ML072610036). Inspectors interviewed personnel, performed walk-downs of selected areas, and reviewed the following items:

- Records of the site characterization of geology and hydrology;
- Evaluations of systems, structures, and or components that contain or could contain licensed material and evaluations of work practices that involve licensed material for which there is a credible mechanism for the licensed material to reach the groundwater;
- Implementation of an onsite groundwater monitoring program to monitor for potential licensed radioactive leakage into groundwater;
- Procedures for the decision making process for potential remediation of leaks and spills, including consideration of the long term decommissioning impacts;
- Records of leaks and spills recorded, if any, in the licensee's decommissioning files in accordance with 10 CFR 50.75(g);
- Licensee briefings of local and state officials on the licensee's groundwater protection initiative;
- Protocols for notification to the local and state officials, and to the NRC regarding detection of leaks and spills;
- Protocols and/or procedures for thirty day reports if an onsite groundwater sample exceeds the criteria in the radiological environmental monitoring program;
- Groundwater monitoring results as reported in the annual effluent and/or environmental monitoring report;
- Licensee and industry assessments of implementation of the groundwater protection initiative.

b. Findings

No findings of significance were identified. Implementation of the Industry Groundwater Protection Initiative is voluntary. Under the final Initiative, each site was to have developed an effective, technically sound groundwater protection program by August 2008. The licensee's corporate office completed the Entergy Fleet self-assessment of the Initiative on August 25, 2008. According to the Entergy Fleet self-assessment, the licensee had not met the objectives established in Nuclear Energy Institute 07-07 Groundwater Protection Initiative for the Waterford 3 site. The team also found that the licensee had not fully implemented the Groundwater Protection Initiative and had not conducted its own site self-assessment of the initiative implementation. According to the Entergy Fleet self-assessment Waterford 3 had not implemented the following aspects of the Groundwater Protection Initiative:

- An overall groundwater monitoring program and plan had not been implemented.
- The site-specific hydrogeological evaluation that was conducted in January 2007 needed to be upgraded to reflect groundwater flow characteristics.
- The risk assessment and leak detection program for systems, structures, and components needed to be updated regarding potential for onsite contamination and leaks to groundwater (i.e., monitoring and sentinel wells);.
- A remediation protocol to prevent migration of licensed material off-site and to minimize decommissioning aspects had not been established.

As a result of this team inspection, Waterford 3 issued Condition Report WF3-2009-01021 to perform a line-by-line review of the Nuclear Energy Institute Groundwater Protection Initiative and Entergy Fleet self-assessment.

40A6 Management Meetings

Exit Meeting Summary

On March 6, 2009, the team presented the inspection results to Mr. J. Kowalewski, Vice President, Operations, and other members of his staff who acknowledged the findings. The team confirmed that proprietary information was not provided or examined during the inspection.

ATTACHMENT: SUPPLEMENTAL INFORMATION

SUPPLEMENTAL INFORMATION

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L. Dautat, Supervisor, Radiation Protection
A. Dubois, Environmental Specialist
D. Dufrene; Technician, Radiation Protection
J. Hornsby, Superintendent, Chemistry
J. Kowalewski, Vice President, Operations
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J. Lewis, Manager, Emergency Preparedness
M. Louque, Environmental Specialist, Chemistry
M. Mason, Engineer, Licensing
C. Miller, Lead Supervisor, Radiation Protection
D. Miller, Supervisor, Radwaste/Radioactive Material Control
R. Murillo, Manager, Licensing
K. Nichols, Director, Engineering
B. Piluti, Manager, Radiation Protection
R. Prejean, Senior Specialist, Chemistry
C. Pramono; System Engineer, Radiation Monitoring System
S. Ramzy; Specialist, Radiation Protection
J. Ridge, Manager, Quality Assurance
J. Wilbur, System Engineer, Systems Engineering
C. Zeringue, Superintendent, Chemistry

NRC

D. Overland, Resident Inspector

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

Opened and Closed During this Inspection

None

Previous Items Closed

None

Previous Items Discussed

None

LIST OF DOCUMENTS REVIEWED

Section 2OS3: Radiation Monitoring Instrumentation and Protective Equipment (IP71121.03)

Audits and Self-assessments

2007 Respiratory Protection Focused Self Assessment December, 2007

Procedures

<u>NUMBER</u>	<u>TITLE</u>	<u>REVISION</u>
EN-RP-301	Radiation Protection Instrument Control	Revision 2
EN-RP-302	Operation of Radiation Protection Instrumentation	Revision 1
EN-RP-303	Source Checking of Radiation Protection Instrumentation	Revision 2
EN-RP-306	Calibration and Operation of the Eberline PM-7	Revision 2
EN-RP-307	Operation and Calibration of the Eberline Personnel Contamination Monitors	Revision 1
EN-RP-308	Operation and Calibration of Gamma Scintillation Tool Monitors	Revision 2
HP-002-450	Calibration and QA of the Whole Body Counting System	Revision 17
EN-RP-501	Respiratory Protection Program	Revision 3
EN-RP-502	Inspection and Maintenance of Respiratory Protection Equipment	Revision 4
EN-RP-504	Breathing Air	Revision 2
RPP-0074	Refilling SCBA Cylinders	Revision 11

Effluent Monitor Calibrations

<u>Channel No.</u>	<u>Monitor Description</u>	<u>Work Order Package</u>	<u>Date</u>
PRMIR0100-1	Plant Vent Stack Radiation Monitor	51209490-01	4/23/2008
PRMIR0110	Plant Vent Stack High Range Radiation Monitor	51205693-01	1/21/2008
PRMIR0100-2	Plant Vent Stack Radiation Monitor	51201752-01	1/15/2008
PRMIR0647	Waste Condensate and Laundry Waste Discharge Monitor	5151024-01	9/22/2008

Area Monitor Calibrations

<u>Channel No.</u>	<u>Monitor Description</u>	<u>Work Order Package</u>	<u>Date</u>
ARMIR5400-A	Containment High Range Radiation Monitor	0011885501	5/09/2008
ARMIR5400-B	Containment High Range Radiation Monitor	00118857-01	5/09/2008

Radiation Protection Instrumentation Calibrations

<u>Identification No.</u>	<u>Instrument Type</u>	<u>Calibration Date</u>
Westside Access	Whole Body Counter	8/14/2008
Dosimetry Office	Whole Body Counter	1/22/2009
HP-DS-064	Tool Monitor	7/08/2008
HP-DS-065	Tool Monitor	2/27/2008
HP-DS-068	Tool Monitor	7/08/2008
HP-DS-075	Personnel Contamination Monitor	7/09/2008
HP-DS-034	Personnel Contamination Monitor	8/18/2008
HP-DS-034	Personnel Contamination Monitor	8/18/2008
HP-DS-067	PM-7	3/24/2008
HP-DS-056	PM-7	7/30/2008
HP-DS-057	PM-7	3/27/2008

Corrective Action Documents

WF3-2007-00650	WF3-2007-01321	WF3-2007-01626	WF3-2007-01658	WF3-2007-01974
WF3-2007-02238	WF3-2007-02317	WF3-2007-02466	WF3-2007-02505	WF3-2007-02609
WF3-2007-03180	WF3-2007-03293	WF3-2007-03343	WF3-2007-03707	WF3-2007-04463
WF3-2008-00003	WF3-2008-00351	WF3-2008-00462	WF3-2008-00757	WF3-2008-01162
WF3-2008-01312	WF3-2008-01323	WF3-2008-02572	WF3-2008-02681	WF3-2008-03021
WF3-2008-03179	WF3-2008-04870	WF3-2009-00003	WF3-2009-00130	WF3-2009-00196
WF3-2009-00244	WF3-2009-00957			

Miscellaneous Documents

<u>Instrument Failure Review</u>	<u>Date</u>
Instrument Response Check Failure Review for RSO5 #8163	4/4/2008
Instrument Response Check Failure Review for RSO50E #HP-DR-45	4/4/2008
Instrument Response Check Failure Review for RSO50E #11669	4/4/2008

Breathing Air Quality Certificate of Analysis

<u>Lot Number:</u>	<u>Date of Test</u>
Cascade System 43P0423501	8/23/2004
Cascade System AC00S301AB	10/28/2005
Compressed Air System, Main Control Room EBA	1/29/2009
Compressed Air System, Station Air 5212	1/29/2009
Compressed Air System, Electric Blast Yard	1/29/2009

Section 2PS1: Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems (IP71122.01)

Audits and Self-assessments

<u>NUMBER</u>	<u>TITLE</u>
QA-2-2007-2F3-1/	Chemistry/Effluents and Environmental Monitoring
QA-6-2007-WF3-1	

Procedures

<u>NUMBER</u>	<u>TITLE</u>	<u>REVISION</u>
CE-003-509	Routine Filter Replacement and Grab Sampling on PIG Monitors and WRGMs	301
CE-003-512	Liquid Radioactive Waste Release Permit (Manual)	0
CE-003-513	Gaseous Radioactive Waste Release Permit (Manual)	301
CE-003-516	Calculation and Adjustment of Radiation Monitoring Setpoints	0
EN-CY-102	Laboratory Analytical Quality Control	3

Effluent Release Reports

<u>NUMBER</u>	<u>TITLE</u>
GB2008-0001	Containment Purge Exhaust
GC2008-0010	Condenser Evacuation System Exhaust
LB2008-0035	Waste Condensate Tank "B"

Corrective Action Documents

WF3-2007-2799 WF3-2007-3454 WF3-2007-3697 WF3-2007-3698 WF3-2008-0405
WF3-2008-5093

Miscellaneous

2007 Annual Radioactive Effluent Release Report
2006 Annual Radioactive Effluent Release Report
2008 Quarterly Offsite Laboratory Analysis Reports
Daily Quality Control Check – Counting room detectors 4 and 5

Section 2PS2: Radioactive Material Processing and Transportation (IP71122.02)

Procedures

<u>NUMBER</u>	<u>TITLE</u>	<u>REVISION</u>
EN-RP-121	Radioactive Material Control	4
EN-RW-101	Radioactive Waste Management	2
EN-RW-102	Radioactive Shipping Procedure	6
EN-RW-104	Scaling Factors	4
EN-RW-105	Process Control Program 1	1
RW-002-310	Storage of Radioactive Waste	8

Radioactive Waste Shipments

2007-1001 2007-1008 2007-1012 2008-1004 2008-3001

Corrective Action Documents

WF3-2007-00569 WF3-2007-03329 WF3-2007-04105 WF3-2007-04441 WF3-2008-01597
WF3-2008-02892 WF3-2008-04422 WF3-2009-00295 HQN-2007-00978 LO-WTHQN-200800104

Audits and Self-assessments

<u>NUMBER</u>	<u>TITLE</u>
QA-15-2007-WF3-1/	Effluent and Environmental Monitoring Programs
QA-14-2007-WF3-2	

Section 2PS3: Radiological Environmental Monitoring Program and Radioactive Material Control Program (IP71122.03)

Corrective Action Documents

WF3-2007-1495 WF3-2007-1698 WF3-2007-1809 WF3-2007-2002 WF3-2007-02299
WF3-2007-2970 WF3-2007-3317 WF3-2008-1383 WF3-2008-2709 WF3-2008-4214
WF3-2007-4727

Procedures

<u>NUMBER</u>	<u>TITLE</u>	<u>REVISION</u>
UNT-005-014	Offsite Dose Calculation Manual	8
CE-003-522	Meteorological Data Collection and Processing	2
CE-003-523	Meteorological Monitoring Program	0
CE-003-525	REMP Evaluations and Reports	1
CE-003-526	Collection and Preparation of REMP Liquid Samples	1
CE-003-527	Collection and Preparation of Milk Samples	1
CE-003-528	Collection of Sediment Samples	1
CE-003-529	Collection of Vegetation Samples	1

Procedures

<u>NUMBER</u>	<u>TITLE</u>	<u>REVISION</u>
CE-003-531	Collection and Preparation of REMP Air Samples	1
EN-CY-102	Laboratory Analytical Quality Control	1
EN-EV-116	Radiological Environmental Analytical Services	2
EN-RP-108	Radiation Protection Posting	7
EN-RP-121	Radioactive Material Control	4
EN-RP-143	Source Control	1

Audits and Self-assessments

<u>NUMBER</u>	<u>TITLE</u>
QA-2-2007-WF3-1/	Effluent and Environmental Monitoring Programs
QA-6-2007-WF3-1	

Miscellaneous Documents

2007 Radioactive Effluent Release Report
2007 and 2008 Interlaboratory Comparison Results
2008 Calibration Records for Environmental Air Samplers
2006 and 2007 Annual Radiological Environmental Monitoring Reports
2008 Land Use Census Data

Section 40A5 Temporary Instruction 2515/173

Procedures

<u>NUMBER</u>	<u>TITLE</u>	<u>REVISION</u>
EN-CY-108	Monitoring of Nonradioactive Systems	0
EN-CY-109	Sampling and Analysis of Groundwater Monitoring Wells	9
EN-CY-113	Response to Contaminated Spill/Leaks	3
EN-DC-343	Buried Piping and Tanks inspection and Monitoring Program	1

Corrective Action Documents

HQN-2007-00677 HQNLO-2008-0048 RBS-2009-00780 HQN-2008-01055 HQN-2009-0113
WF3-2009-01021

Miscellaneous Documents

Nuclear Energy Institute 07-07 Industry Groundwater Protection Initiative – Final Guidance Document
Site Hydrologic Assessment in Support of Entergy GPI: Waterford 3 Steam Electric Station, dated January 2007