

January 13, 2009

Mr. Larry Meyer
Site Vice President
FPL Energy Point Beach, LLC
6610 Nuclear Road
Two Rivers, WI 54241

SUBJECT: POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2
BASELINE EMERGENCY PREPAREDNESS BIENNIAL EXERCISE
INSPECTION REPORT 05000266/2008502(DRS); 05000301/2008502(DRS)

Dear Mr. Meyer:

On December 12, 2008, the U.S. Nuclear Regulatory Commission (NRC) completed a Baseline Emergency Preparedness Biennial Exercise inspection at your Point Beach Nuclear Plant, Units 1 and 2. The enclosed report documents the inspection results, which were discussed on December 12, 2008, with you and members of your staff.

The inspection examined activities conducted under your license as they relate to safety and compliance with the Commission's rules and regulations, and with the conditions of your license. The inspectors reviewed selected procedures and records, observed activities, and interviewed your personnel.

Based on the results of this inspection, no NRC-identified and no self-revealed findings of significance were identified.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be 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), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

Hironori Peterson, Chief
Operations Branch
Division of Reactor Safety

Docket Nos. 50-266; 50-301
License Nos. DPR-24; DPR-27

Enclosure: Inspection Report 05000266/2008502(DRS); 05000301/2008502(DRS)
w/Attachment: Supplemental Information

See Attached Distribution

Mr. Larry Meyer
Site Vice President
FPL Energy Point Beach, LLC
6610 Nuclear Road
Two Rivers, WI 54241

SUBJECT: POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2
BASELINE EMERGENCY PREPAREDNESS BIENNIAL EXERCISE
INSPECTION REPORT 05000266/2008502(DRS); 05000301/2008502(DRS)

Dear Mr. Meyer:

On December 12, 2008, the U.S. Nuclear Regulatory Commission (NRC) completed a Baseline Emergency Preparedness Biennial Exercise inspection at your Point Beach Nuclear Plant, Units 1 and 2. The enclosed report documents the inspection results, which were discussed on December 12, 2008, with you and members of your staff.

The inspection examined activities conducted under your license as they relate to safety and compliance with the Commission's rules and regulations, and with the conditions of your license. The inspectors reviewed selected procedures and records, observed activities, and interviewed your personnel.

Based on the results of this inspection, no NRC-identified and no self-revealed findings of significance were identified.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be 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), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

Hironori Peterson, Chief
Operations Branch
Division of Reactor Safety

Docket Nos. 50-266; 50-301
License Nos. DPR-24; DPR-27

Enclosure: Inspection Report 05000266/2008502(DRS); 05000301/2008502(DRS)
w/Attachment: Supplemental Information

See Attached Distribution

DOCUMENT NAME: G:\DRS\Work in Progress\POI 2008 502 DRS OL.doc

Publicly Available Non-Publicly Available Sensitive Non-Sensitive

To receive a copy of this document, indicate in the concurrence box "C" = Copy without attach/encl "E" = Copy with attach/encl "N" = No copy

OFFICE	RIII	RIII							
NAME	RJickling:co	HPeterson NV for							
DATE	01/13/2009	01/13/2009							

OFFICIAL RECORD COPY

Letter to Larry Meyer from Hironori Peterson dated January 13, 2009.

SUBJECT: POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2
BASELINE EMERGENCY PREPAREDNESS BIENNIAL EXERCISE
INSPECTION REPORT 05000266/2008502(DRS); 05000301/2008502(DRS)

cc w/encl: M. Nazar, Senior Vice President and Nuclear
Chief Operating Officer
J. Stall, Executive Vice President, Nuclear and
Chief Nuclear Officer
A. Khanpour, Vice President, Engineering Support
Licensing Manager, Point Beach Nuclear Plant
R. Hughes, Director, Licensing and Performance Improvement
M. Ross, Managing Attorney
A. Fernandez, Senior Attorney
T. O. Jones, Vice President, Nuclear Operations,
Mid-West Region
P. Wells, (Acting) Vice President, Nuclear
Training and Performance Improvement
J. McCarthy, Vice President, Point Beach Recovery
J. Bjorseth, Plant General Manager
K. Duveneck, Town Chairman, Town of Two Creeks
Chairperson, Public Service Commission of Wisconsin
J. Kitsemel, Electric Division, Public Service Commission of Wisconsin
P. Schmidt, State Liaison Officer

Letter to Larry Meyer from Hironori Peterson dated January 13, 2009.

SUBJECT: POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2
BASELINE EMERGENCY PREPAREDNESS BIENNIAL EXERCISE
INSPECTION REPORT 05000266/2008502(DRS); 05000301/2008502(DRS)

cc w/encl: M. Nazar, Senior Vice President and Nuclear
Chief Operating Officer
J. Stall, Executive Vice President, Nuclear and
Chief Nuclear Officer
A. Khanpour, Vice President, Engineering Support
Licensing Manager, Point Beach Nuclear Plant
R. Hughes, Director, Licensing and Performance Improvement
M. Ross, Managing Attorney
A. Fernandez, Senior Attorney
T. O. Jones, Vice President, Nuclear Operations,
Mid-West Region
P. Wells, (Acting) Vice President, Nuclear
Training and Performance Improvement
J. McCarthy, Vice President, Point Beach Recovery
J. Bjorseth, Plant General Manager
K. Duveneck, Town Chairman, Town of Two Creeks
Chairperson, Public Service Commission of Wisconsin
J. Kitsemel, Electric Division, Public Service Commission of Wisconsin
P. Schmidt, State Liaison Officer

DISTRIBUTION:

Tamara Bloomer
RidsNrrDorlLp13-1
RidsNrrPMPPointBeach
RidsNrrDirslrib Resource
Mark Satorius
Kenneth Obrien
Jared Heck
Carole Ariano
Linda Linn
Cynthia Pederson (hard copy - IR's only)
DRPIII
DRSIII
Patricia Buckley
Tammy Tomczak
ROPreports@nrc.gov

U.S. NUCLEAR REGULATORY COMMISSION

REGION III

Docket Nos: 50-266; 50-301
License Nos: DPR-24; DPR-27

Report No: 05000266/2008502(DRS); 05000301/2008502(DRS)

Licensee: FPL Energy Point Beach, LLC

Facility: Point Beach Nuclear Plant, Units 1 and 2

Location: Two Rivers, WI

Dates: December 8 through 12, 2008

Inspectors: Robert Jickling, Sr. Emergency Preparedness Inspector
Regina Russell, Emergency Preparedness Inspector
Michael Bielby, Senior Operations Engineer

Approved by: Hironori Peterson, Chief
Operations Branch
Division of Reactor Safety

Enclosure

SUMMARY OF FINDINGS

IR 05000266/2008502(DRS), 05000301/2008502(DRS); 12/08/2008 - 12/12/2008; Point Beach Nuclear Plant, Units 1 and 2; Baseline Emergency Preparedness Biennial Exercise Inspection.

This report covers a 1 week period of baseline inspection by three regional inspectors. The significance of most findings is indicated by their color (Green, White, Yellow, Red) using Inspection Manual Chapter (IMC) 0609, "Significance Determination Process" (SDP). Findings for which the SDP does not apply may be Green or be assigned a severity level after NRC management review. 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-Revealed Findings

Cornerstone: Emergency Preparedness

No findings of significance were identified.

B. Licensee-Identified Violations

No violations of significance were identified.

REPORT DETAILS

1. REACTOR SAFETY

Cornerstone: Emergency Preparedness

1EP1 Exercise Evaluation (71114.01)

.1 Exercise Evaluation

a. Inspection Scope

The inspectors reviewed the December 9, 2008, biennial emergency preparedness exercise's objectives and scenario to ensure that the exercise would acceptably test major elements of the licensee's emergency plan and to verify that the exercise's simulated problems provided an acceptable framework to support demonstration of the licensee's capability to implement its plan. The inspectors also reviewed records of other drills and exercises conducted in 2006, 2007, and 2008, to verify that those drills' scenarios were sufficiently different from the scenario used in the December 9, 2008, exercise.

The inspectors evaluated the licensee's exercise performance, focusing on the risk significant activities of emergency classification, notification, and protective action decision making, implementation of accident mitigation strategies, and correction of past exercise weaknesses in the following emergency response facilities:

- Control Room Simulator (CRS);
- Technical Support Center (TSC); and
- Emergency Operations Facility (EOF).

The inspectors also assessed the licensee's recognition of abnormal plant conditions, transfer of responsibilities between facilities, internal communications, interfaces with offsite officials, readiness of emergency facilities and related equipment, and overall implementation of the licensee's emergency plan.

The inspectors attended post-exercise critiques in the CRS, TSC, and EOF to evaluate the licensee's initial self-assessment of its exercise performance. The inspectors later met with the licensee's lead exercise evaluators and managers to obtain the licensee's findings and assessments of its exercise participants' performances. These self-assessments were then compared with the inspectors' independent observations and assessments to assess the licensee's ability to adequately critique its exercise performance. Documents reviewed are listed in the Attachment to this report.

This exercise evaluation inspection constituted one sample as defined in Inspection Procedure (IP) 71114.01-05.

b. Findings

No findings of significance were identified.

4. OTHER ACTIVITIES

4OA1 Performance Indicator Verification (71151)

.1 Drill/Exercise Performance

a. Inspection Scope

The inspectors sampled licensee submittals for the Drill/Exercise Performance performance indicator (PI) for the period from the 3rd quarter 2007 through the 3rd quarter 2008. To determine the accuracy of the PI data reported during those periods, PI definitions and guidance contained in the Nuclear Energy Institute (NEI) Document 99-02, "Regulatory Assessment Performance Indicator Guideline," Revision 5, were used. The inspectors reviewed the licensee's records associated with the performance indicator to verify that the licensee accurately reported the indicator in accordance with relevant procedures and the NEI guidance. Specifically, the inspectors reviewed licensee records and processes including procedural guidance on assessing opportunities for the PI; assessments of PI opportunities during predesignated control room simulator training sessions, performance during the 2007 off-year exercise, and performance during other drills. Documents reviewed are listed in the Attachment to this report.

This inspection constituted one drill/exercise performance sample as defined in IP 71151-05.

b. Findings

No findings of significance were identified.

.2 Emergency Response Organization Drill Participation

a. Inspection Scope

The inspectors sampled licensee submittals for the Emergency Response Organization (ERO) Drill Participation performance indicator for the period from the 3rd quarter 2007 through the 3rd quarter 2008. To determine the accuracy of the PI data reported during those periods, PI definitions and guidance contained in the NEI Document 99-02, "Regulatory Assessment Performance Indicator Guideline," Revision 5, were used. The inspectors reviewed the licensee's records associated with the performance indicator to verify that the licensee accurately reported the indicator in accordance with relevant procedures and the NEI guidance. Specifically, the inspectors reviewed licensee records and processes including procedural guidance on assessing opportunities for the PI; performance during the 2007 off-year exercise and other drills; and revisions of the roster of personnel assigned to key emergency response organization positions. Documents reviewed are listed in the Attachment to this report.

This inspection constituted one ERO drill participation sample as defined in IP 71151-05.

b. Findings

No findings of significance were identified.

.3 Alert and Notification System

a. Inspection Scope

The inspectors sampled licensee submittals for the Alert and Notification System (ANS) performance indicator for the period from the 3rd quarter 2007 through the 3rd quarter 2008. To determine the accuracy of the PI data reported during those periods, PI definitions and guidance contained in the NEI Document 99-02, "Regulatory Assessment Performance Indicator Guideline," Revision 5, were used. The inspectors reviewed the licensee's records associated with the performance indicator to verify that the licensee accurately reported the indicator in accordance with relevant procedures and the NEI guidance. Specifically, the inspectors reviewed licensee records and processes including procedural guidance on assessing opportunities for the PI and results of periodic ANS operability tests. Documents reviewed are listed in the Attachment to this report.

This inspection constituted one alert and notification system sample as defined in IP 71151-05.

b. Findings

No findings of significance were identified.

4OA6 Management Meetings

.1 Exit Meeting Summary

On December 12, 2008, the inspectors presented the inspection results to you and other members of the licensee staff. The licensee acknowledged the issues presented. The inspectors confirmed that none of the potential report input discussed was considered proprietary.

ATTACHMENT: SUPPLEMENTAL INFORMATION

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee

S. Aert, Accounting Manager
J. Bjorseth, Plant Manager
S. Cassidy, Communications Manager
J. Costeglio, Licensing Manager
D. Craine, Radiation Protection Technical Supervisor
A. Fitzgerald, Emergency Preparedness Specialist
R. Freeman, Acting Emergency Preparedness Manager
R. Harrsch, Operations Manager
R. Johnson, Senior Emergency Preparedness Coordinator
K. Longston, Emergency Preparedness Specialist
L. Meyer, Site Vice President
D. Mothena, Corporate Functional Emergency Preparedness Manager
P. Olson, Manager of Operations Support
T. Staskal, Regulatory Affairs
D. Tomaszewski, Engineering Director
S. Wall, Emergency Preparedness Trainer

Nuclear Regulatory Commission

R. Krsek, Senior Resident Inspector
R. Ruiz, Resident Inspector

LIST OF ITEMS OPENED, CLOSED AND DISCUSSED

Opened, Closed, and Discussed

None

LIST OF DOCUMENTS REVIEWED

The following is a list of documents reviewed during the inspection. Inclusion on this list does not imply that the NRC inspectors reviewed the documents in their entirety, but rather, that selected sections of portions of the documents were evaluated as part of the overall inspection effort. Inclusion of a document on this list does not imply NRC acceptance of the document or any part of it, unless this is stated in the body of the inspection report.

EMERGENCY PLAN AND PROCEDURES

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
EPIP 1.3	Dose Assessment & Protective Action Recommendations	38
EPIP 10.2	Core Damage Estimation	22

CORRECTIVE ACTION PROGRAM DOCUMENTS REVIEWED

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
01135942	Failure to Identify PAR Change During Pre-Exercise	September 18, 2008
01135925	Unapproved Drill Injects Invalidates DEP Opportunity	September 19, 2008

EXERCISE RECORDS

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
	Point Beach Nuclear Plant 2008 Ingestion Pathway Exercise Scenario Manual	December 9, 2008
	Drill and Exercise Scenario Timelines	December 5, 2006 - December 9, 2008
	Corrective Action Program Issues Identified During Drills and Exercises	December 5, 2006 - November 11, 2008

PERFORMANCE INDICATOR RECORDS

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
	Quarterly NRC Performance Indicator Documents and Records for ERO Drill Participation	September 2007 - September 2008
	Monthly NRC Performance Indicator Documents and Records for Drill/Exercise Performance	July 2007 - September 2008
	Monthly NRC Performance Indicator Documents and Records for Alert and Notification System	July 2007 - September 2008

CONDITION REPORTS GENERATED DURING INSPECTION

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
01141013	2008 Exercise Scenario Field Data Did Not Have Iodine Sample Data	December 12, 2008
01141004	2008 Exercise Communications Problems in and between Emergency Response Facilities	December 12, 2008
01140999	2008 Exercise TSC Core Damage Assessment Problems	December 11, 2008
01140998	2008 Exercise ERDS Data Transmission Problems to NRC	December 11, 2008
01140968	2008 Exercise Fire Brigade Responded Ready for Fire Not Hazardous Material	December 11, 2008
01140962	2008 Exercise Renew NRC Expectations of Management Presence on Management Counterpart Line	December 11, 2008
01140959	2008 Exercise Improve Guidance on Issuing KI to Emergency Responders	December 11, 2008
01140955	2008 Exercise Release Mitigation Efforts Not Adequate	December 11, 2008
01140953	2008 Exercise Dose Assessment Problems in the EOF and TSC	December 11, 2008

CONDITION REPORTS GENERATED DURING INSPECTION

<u>Number</u>	<u>Description or Title</u>	<u>Date or Revision</u>
01140951	2008 Exercise Emergency Response Facility Habitability Status Problems	December 11, 2008
01140946	2008 Exercise Dose Assessment and Release Point Problems	December 11, 2008
01140935	2008 Exercise Site Area Emergency Notification Form Inaccurately Indicated a Radiation Release	December 11, 2008
01140929	2008 Exercise TSC Briefings Did Not Include Release Status and Dose Readings	December 11, 2008
01140926	2008 Exercise TSC NRC Phone Inoperable	December 11, 2008
01140920	2008 Exercise EOF Emergency Responders PAR Confusion on NARS	December 11, 2008
01140919	2008 Exercise Simulator Unrealistic Containment Pressure Caused Confusion	December 11, 2008
01140914	2008 Exercise Started Before Simulator Crew Took Watch	December 11, 2008
01140905	2008 Exercise Gaitronics Speakers in OSC Taped Over	December 11, 2008
01140897	2008 Exercise Errors in News Releases on Times and Release Status	December 11, 2008
01140891	2008 Exercise State of Wisconsin Terminated Prior to End of Exercise	December 11, 2008

LIST OF ACRONYMS USED

ADAMS	Agencywide Documents Access and Management System
ANS	Alert and Notification System
CFR	Code of Federal Regulations
CRS	Control Room Simulator
DEP	Drill and Exercise Performance
EOF	Emergency Operations Facility
ERDS	Emergency Response Data System
ERO	Emergency Response Organization
IMC	Inspection Manual Chapter
IP	Inspection Procedure
KI	Potassium Iodide
NARS	Nuclear Accident Reporting System
NEI	Nuclear Energy Institute
NRC	Nuclear Regulatory Commission
OSC	Operations Support Center
PAR	Protective Action Recommendation
PARS	Publicly Available Records
PI	Performance Indicator
SDP	Significance Determination Process
TSC	Technical Support Center