

December 27, 2006

Mr. Dennis L. Koehl
Site Vice President
Point Beach Nuclear Plant
Nuclear Management Company, LLC
6590 Nuclear Road
Two Rivers, WI 54241-9516

SUBJECT: POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2
NRC EMERGENCY PREPAREDNESS INSPECTION REPORT
05000266/2006007; 05000301/2006007

Dear Mr. Koehl:

On December 8, 2006, the NRC completed an inspection at your Point Beach Plant, Units 1 and 2. The enclosed report documents the inspection findings, which were discussed on December 8, 2006, 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 personnel. Specifically, this inspection focused on emergency preparedness, including your staff's determinations of performance indicators for the Emergency Preparedness Cornerstone.

On the basis of the results of this inspection, no findings of significance were identified.

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Sincerely,

/RA/

Kenneth Riemer, Chief
Plant Support Branch
Division of Reactor Safety

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

Enclosure: Inspection Report 05000266/2006007; 05000301/2006007
w/Attachment: Supplemental Information

cc w/encl: F. Kuester, President and Chief
Executive Officer, We Generation
D. Cooper, Senior Vice President, Group Operations
J. McCarthy, Site Director of Operations
D. Weaver, Nuclear Asset Manager
Plant Manager
Regulatory Affairs Manager
Training Manager
Site Assessment Manager
Site Engineering Director
Emergency Planning Manager
J. Rogoff, Vice President, Counsel & Secretary
K. Duveneck, Town Chairman
Town of Two Creeks
Chairperson
Public Service Commission of Wisconsin
J. Kitsembel, Electric Division
Public Service Commission of Wisconsin
State Liaison Officer
W. King, FEMA, Region V

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U.S. NUCLEAR REGULATORY COMMISSION

REGION III

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

Report No: 05000266/2006007(DRS); 05000301/2006007(DRS)

Licensee: Nuclear Management Company, LLC

Facility: Point Beach Nuclear Plant, Units 1 and 2

Location: Two Rivers, Wisconsin

Dates: December 4 through December 8, 2006

Inspectors: R. Jickling, Senior Emergency Preparedness Inspector
R. Alexander, Senior Emergency Response Coordinator
C. Moore, Operations Engineer
N. Valos, Operations Engineer

Approved by: K. Riemer, Chief
Plant Support Branch
Division of Reactor Safety

Enclosure

SUMMARY OF FINDINGS

IR 05000266/2006007, 05000301/2006007; 12/04/2006 - 12/08/2006; Point Beach Nuclear Plant, Units 1 and 2; Emergency Preparedness Specialist Report.

The report covers a 1 week baseline inspection by a regional emergency preparedness inspector, an emergency response coordinator, and two operations engineers. The inspection focused on the Emergency Preparedness Cornerstone in the Reactor Safety strategic performance area during the biennial emergency preparedness exercise. This inspection also included a review of records related to the three emergency preparedness performance indicators for the period October 1, 2005, through September 30, 2006.

The NRC's program for overseeing the safe operation of commercial nuclear power reactors is described in NUREG-1649, "Reactor Oversight Process," Revision 3, dated July 2000.

A. Inspector-Identified and Self-Revealed Findings

None.

B. Licensee-Identified Violations

None.

REPORT DETAILS

1. REACTOR SAFETY

Cornerstone: Emergency Preparedness

1EP1 Exercise Evaluation (71114.01)

a. Inspection Scope

The inspectors reviewed the December 5, 2006, 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 quarterly drills and exercises conducted in 2005 and 2006, to verify that those drills' scenarios were sufficiently different from the scenario used in the December 5, 2006 exercise.

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

- Control Room Simulator (CRS);
- Technical Support Center (TSC);
- Operations Support Center (OSC); 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, OSC, 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 to obtain the licensee's refined 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.

These activities completed one of one inspection sample.

b. Findings

No findings of significance were identified.

4. OTHER ACTIVITIES

4OA1 Performance Indicator (PI) Verification (71151)

Cornerstone: Emergency Preparedness

.1 Reactor Safety Strategic Area

a. Inspection Scope

The inspectors reviewed the licensee's records associated with each of the three emergency preparedness PIs to verify that the licensee's program was implemented consistent with the industry guidelines in the applicable revision of Nuclear Energy Institute Publication No. 99-02, "Regulatory Assessment Performance Indicator Guideline," and related licensee procedures. Specifically, licensee records related to the performance of the Alert and Notification System (ANS), key Emergency Response Organization (ERO) members' drill participation, and Drill and Exercise Performance (DEP) were reviewed to verify the accuracy and completeness of the PI data submitted to NRC for the period from October 1, 2005 through September 30, 2006. The following three PIs were reviewed:

Common

- ANS
- ERO Drill Participation
- DEP

These activities completed three of three PI samples.

b. Findings

No findings of significance were identified.

4OA2 Identification and Resolution of Problems

The following performance concern, which could have adversely impacted response activities had exercise events been real, was independently identified by the inspectors and the licensee during the December 2006 exercise and was added to the licensee's corrective action program:

- Technical Support Center staff did not support dose assessment calculations performed in the Emergency Operations Facility or conduct core damage assessments.

OA6 Meetings

.1 Exit Meeting

An exit meeting was conducted for:

- Emergency Preparedness with Mr. D. Koehl and other members of licensee management and staff at the conclusion of the inspection on December 8, 2006. The licensee acknowledged the information presented. No proprietary information was identified.

.2 Public and Media Briefing

- On December 8, 2006, an inspector summarized NRC's preliminary exercise inspection conclusions at a public and media briefing hosted by Department of Homeland Security Region V Field Office staff in Manitowoc, Wisconsin.

ATTACHMENT: SUPPLEMENTAL INFORMATION

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee

D. Koehl, Site Vice President
C. Butcher, Engineering Director
S. Cassidy, Communications Manager
A. Fitzgerald, Emergency Preparedness Specialist
M. Fencil, Engineering Improvement Manager
T. Gemske, Emergency Planning Supervisor
J. Gerondale, Site Security
W. Godes, Acting Training Manager
C. Hass, Emergency Preparedness Administration
R. Johnson, Senior Emergency Planning Coordinator
K. Locke, Regulatory Compliance Analyst
J. McCarthy, Site Operations Director
G. Packard, Operations Manager
M. Ray, Regulatory Affairs Manager
S. Ruesch, Procedures Manager
D. Schuelke, Radiation Protection/Chemistry Manager
W. Smith, Production and Planning Manager
D. Thilmony, Emergency Preparedness Administrator
S. Tulley, Emergency Preparedness Manager
M. Vonk, Corporate Emergency Preparedness Specialist
S. Wall, Emergency Preparedness Training
G. Young, Nuclear Oversight Manager

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.

EP1 Exercise Evaluation

Point Beach Nuclear Plant December 5, 2006, Exercise Scenario Manual

Point Beach NRC Evaluated Exercise Critique Findings and Corrective Actions; dated December 7, 2006

Drill and Exercise Corrective Actions for January 2005 through November 2006; dated November 27, 2006

Point Beach Nuclear Plant August 3, 2006, Emergency Preparedness Drill Scenario

Point Beach Nuclear Plant February 22, 2006, Team 'B' Emergency Planning Table Top Drill Scenario

Point Beach Nuclear Plant December 13, 2005, Emergency Preparedness Drill Scenario

Point Beach Nuclear Plant March 17, 2005, Emergency Preparedness Drill Scenario

CAP 01043609; EOF/TSC Backup Offsite Dose Projection Issue; dated August 9, 2006

CAP 01035729; Lack of Equipment to Determine if Toxic Gas EAL is Exceeded; dated June 15, 2006

CAP 063580; March 17, 2005, Drill - TSC/OSC Habitability Beyond Radiological Concerns; dated April 11, 2005

4OA1 Performance Indicator Verification

EPG 1.1; Performance Indicators (PIs) Guideline; Revision 4

EPMP 6.0; Alert and Notification System; Revision 6

Performance Indicator Records for Alert and Notification (Siren) System Testing; dated Third and Fourth Quarters 2005, First, Second, and Third Quarters 2006

Performance Indicator Data and Records for Drill and Exercise Performance PI; dated Third and Fourth Quarters 2005, First, Second, and Third Quarters 2006

Performance Indicator Data and Records for Emergency Response Organization (ERO)
Participation PI; dated Third and Fourth Quarters 2005, First, Second, and Third
Quarters 2006

LIST OF ACRONYMS USED

ADAMS	NRC's Document System
ANS	Alert and Notification System
AR	Action Request
CFR	Code of Federal Regulations
CRS	Control Room Simulator
DEP	Drill and Exercise Performance
EAL	Emergency Action Level
EOF	Emergency Operations Facility
ERO	Emergency Response Organization
NCV	Non-Cited Violation
NRC	United States Nuclear Regulatory Commission
NUREG	Nuclear Regulatory Guide
OSC	Operations Support Center
PARS	Publicly Available Records
PI	Performance Indicator
TSC	Technical Support Center