

June 14, 2007

Mr. Mark B. Bezilla
Site Vice President
FirstEnergy Nuclear Operating Company
Davis-Besse Nuclear Power Station
5501 North State Route 2
Oak Harbor, OH 43449-9760

SUBJECT: DAVIS-BESSE NUCLEAR POWER STATION
NRC EMERGENCY PREPAREDNESS INSPECTION REPORT
NO. 05000346/2007502(DRS)

Dear Mr. Bezilla:

On May 18, 2007, the NRC completed an inspection at your Davis-Besse Nuclear Power Station. The enclosed report documents the inspection findings, which were discussed on May 18, 2007, with Mr. V. Kaminskis and other 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.

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 System (PARS) component of NRC's Agencywide

M. Bezilla

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Sincerely,

/RA by D. Funk acting for/

Eric Duncan, Chief
Plant Support Branch
Division of Reactor Safety

Docket No. 50-346; 72-014
License No. NPF-3

Enclosure: Inspection Report 05000346/2007502
w/Attachment: Supplemental Information

cc w/encl: The Honorable Dennis Kucinich
J. Hagan, President and Chief
Nuclear Officer - FENOC
J. Lash, Senior Vice President of
Operations and Chief Operating Officer
Richard Anderson, Vice President, Nuclear Support
Manager - Site Regulatory Compliance
D. Pace, Senior Vice President of
of Fleet Engineering
J. Rinckel, Vice President, Fleet Oversight
D. Jenkins, Attorney, FirstEnergy
Director, Fleet Regulatory Affairs
Manager - Fleet Licensing
Ohio State Liaison Officer
R. Owen, Administrator, Ohio Department of Health
Public Utilities Commission of Ohio
President, Lucas County Board of Commissioners
President, Ottawa County Board of Commissioners
W. King, FEMA, Region V

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Letter to Mark B. Bezilla from Eric Duncan dated June 14, 2007.

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NRC EMERGENCY PREPAREDNESS INSPECTION REPORT
NO. 05000346/2007502(DRS)

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U.S. NUCLEAR REGULATORY COMMISSION

REGION III

Docket No: 50-346
License No: NPF-3

Report No: 05000346/2007502(DRS)

Licensee: FirstEnergy Nuclear Operating Company

Facility: Davis-Besse Nuclear Power Station

Location: Oak Harbor, OH

Dates: May 14 through May 18, 2007

Inspectors: R. Jickling, Senior Emergency Preparedness Analyst
D. McNeil, Reactor Engineer
T. Steadham, Resident Inspector - Fermi Plant

Observers: P. Zurawski, Inspector-in-Training
R. Clagg, Inspector-in-Training

Approved by: E. Duncan, Chief
Plant Support Branch
Division of Reactor Safety

Enclosure

SUMMARY OF FINDINGS

IR 05000346/2007502(DRS); 05/14/2007 - 05/18/2007; Davis-Besse Nuclear Power Station; Routine Biennial Emergency Preparedness Exercise Baseline Inspection.

The report covers a 1 week baseline inspection by one regional emergency preparedness inspector, a resident inspector, and a reactor engineer. 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 January 1, 2006, through March 31, 2007.

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 May 15, 2007, 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, 2006, and 2007, to verify that those drills' scenarios were sufficiently different from the scenario used in the May 15, 2007 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); 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.

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 January 1, 2006, through March 31, 2007. The following three PIs were reviewed:

- ANS;
- ERO Drill Participation; and
- DEP.

These activities completed three of three PI samples.

b. Findings

No findings of significance were identified.

4OA6 Meetings

.1 Exit Meeting

On May 18, 2007, at the conclusion of the on-site inspection activities, the inspectors presented preliminary inspection results to Mr. V. Kaminskas and other members of licensee management. The inspectors asked the licensee whether any materials examined during the inspection should be considered proprietary. No proprietary information was identified.

.2 Public and Media Briefing

On May 18, 2007, 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 Port Clinton, Ohio.

ATTACHMENT: SUPPLEMENTAL INFORMATION

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee

V. Kaminskas, Director, Site Operations
B. Boles, Director, Maintenance
K. Byrd, Manager, Design Engineering
R. Collings, Senior Consultant, Fleet Emergency Preparedness
B. Cope, Senior Nuclear Specialist, Emergency Response
K. Dunn, Supervisor, Technical Services
G. Fidurski, Supervisor, Site Protection
L. Griffith, Manager, Human Resources
L. Harder, Manager, Radiation Protection
C. Hawley, Manager, Site Projects
V. Higaki, Manager, Fleet Emergency Preparedness
B. Hovland, Manager, Training
R. Hruby, Jr., Manager, Fleet Oversight
C. Jenkins, Senior Specialist, Emergency Response
P. McCloskey, Manager, Chemistry
K. Meade, Fleet Emergency Preparedness
C. Mincheff, Supervisor, Site Protection Training
S. Plymale, Manager, Plant Engineering
C. Price, Director, Performance Improvement
M. Roidl, Senior Specialist, Emergency Response
P. Smith, Specialist, Emergency Response
J. Sturdavant, Specialist, Regulatory Compliance
G. Van Wey, Specialist, Emergency Response
J. Vetter, Manager, Performance Improvement and Emergency Response
D. Wuokk, Supervisor, Regulatory Compliance

NRC personnel

J. Rutkowski, Senior Resident Inspector
R. Smith, 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.

1EP1 Exercise Evaluation

DBBP-OPS-0001; Operations Expectations and Standards; Revision 06

NOP-OP-1002; Conduct of Operations; Revision 03

RA-EP-01500; Emergency Classification; Revision 06

RA-EP-01600; Unusual Event; Revision 03

RA-EP-01700; Alert; Revision 03

RA-EP-01800; Site Area Emergency; Revision 03

RA-EP-01900; General Emergency; Revision 04

RA-EP-02310; Technical Support Center Activation and Response; Revision 05

RA-EP-02720; Recovery Organization; Revision 07

Davis-Besse Nuclear Power Station May 15, 2007 Evaluated Exercise; Revision 2

Davis-Besse Nuclear Power Station April 17, 2007 Dry Run Scenario

Davis-Besse Nuclear Power Station 2007 Integrated Drill; dated March 16, 2007

Preliminary Results of the April 17, 2007 Dry Run; dated May 1, 2007

Preliminary Results of the March 22, 2007 Integrated Drill; dated April 4, 2007

CR 07-20678; E-Plan Drill, May 15, 2007, Items Noted in the Emergency Operations Facility; dated May 16, 2007

CR 07-20672; EP Evaluated Exercise-Radiological Testing Lab Critique Items; dated May 15, 2007

CR 07-20671; EP Evaluated Exercise Dose Assessment Center Critique; dated May 15, 2007

CR 07-20669; Concerns Regarding Similarities of Emergency Response Drill Scenarios; dated May 16, 2007

CR 07-20665; EP Evaluated JPIC Critique Comments; dated May 15, 2007

CR 07-20662; EP Evaluated Exercise-OSC Critique Items; dated May 15, 2007

CR 07-20661; EP Drill-Scenario Drill Conduct Improvement Opportunities; dated May 16, 2007

CR 07-20652; EP Drill, May 15, 2007 Security; dated May 16, 2007

CR 07-20648; EP Drill-Emergency Preparedness Exercise Evaluation-Control Room Simulator; dated May 16, 2007

CR 07-20639; E-Plan Drill, May 15, 2007, Items Noted in the Technical Support Center; dated May 15, 2007

CR 07-20574; Minor Vehicle Accident in Contractor Parking Lot; dated May 15, 2007

CR 07-20570; Simulator Stall during Emergency Plan Drill; dated May 15, 2007

CR 07-18003; Seismic Monitoring System NRC Concern; dated April 9, 2007

4OA1 Performance Indicator Verification

DBEP-080-00; Performance Indicator Data Input Sheet ANS Reliability; dated January 2006 through March 2007

DBEP-081-01; Performance Indicator Data Input Sheet Drill and Exercise Performance; dated January 2006 through March 2007

DBEP-082-02; NRC Performance Indicator Documentation for Classification, Notification, and Protective Action Recommendations; dated January 2006 through March 2007

DBEP-085-003; Siren Test Documentation; dated January 2006 through March 2007

NOBP-LP-4012-54; Drill and Exercise Performance Records; dated January 2006 through March 2007

NOBP-LP-4012-55; Emergency Response Organization Drill Participation Records; dated January 2006 through March 2007

NOBP-LP-4012-56; Alert and Notification System Reliability Records; dated January 2006 through March 2007

LIST OF ACRONYMS USED

ADAMS	NRC's Document System
ANS	Alert and Notification System
CFR	Code of Federal Regulations
CRS	Control Room Simulator
DEP	Drill and Exercise Performance
DRS	Division of Reactor Safety
EOF	Emergency Operations Facility
ERO	Emergency Response Organization
NRC	United States Nuclear Regulatory Commission
PARS	Publicly Available Records
PI	Performance Indicator
TSC	Technical Support Center