

June 8, 2001

Mr. Guy G. Campbell
Vice President - Nuclear
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 INSPECTION REPORT 50-346/01-07(DRS)

Dear Mr. Campbell:

On May 24, 2001, the NRC completed an inspection at your Davis-Besse Nuclear Power Station. The enclosed report documents the inspection findings, which were discussed on May 24, 2001, 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.

No findings of significance were identified.

In accordance with 10 CFR Part 2.790 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). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

Wayne J. Slawinski, Acting Chief
Plant Support Branch
Division of Reactor Safety

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

Enclosure: Inspection Report 50-346/01-07(DRS)

See Attached Distribution

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G. Campbell

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cc w/encl: B. Saunders, President - FENOC
Plant Manager
Manager - Regulatory Affairs
M. O'Reilly, FirstEnergy
Ohio State Liaison Officer
R. Owen, Ohio Department of Health
A. Schriber, Chairman, Ohio Public
Utilities Commission
W. Curtis, FEMA, Region V

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U. S. NUCLEAR REGULATORY COMMISSION

REGION III

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

Report No: 50-346/01-07(DRS)

Licensee: FirstEnergy Nuclear Operating Company

Facility: Davis-Besse Nuclear Power Station

Location: 5501 North State Route 2
Oak Harbor, OH 43449-9760

Dates: May 21 through May 24, 2001

Inspectors: T. Ploski, Senior Emergency Preparedness Analyst
R. Jickling, Emergency Preparedness Analyst
C. Lipa, Senior Resident Inspector

Approved by: Wayne J. Slawinski, Acting Chief
Plant Support Branch
Division of Reactor Safety

SUMMARY OF FINDINGS

IR 05000346-01-07(DRS), on 5/21-5/24/2001, FirstEnergy Nuclear Operating Company, Davis-Besse Nuclear Power Station. Emergency Preparedness Specialist Report.

The report covers a one week baseline inspection by two regional emergency preparedness inspectors and a resident inspector. The inspection focused on the Reactor Safety, Emergency Preparedness Cornerstone during the biennial emergency preparedness exercise. No findings of significance were identified. The significance of most findings is indicated by their color (Green, White, Yellow, Red) using IMC 0609 "Significance Determination Process" (SDP). The NRC's program for overseeing the safe operation of commercial nuclear power reactors is described at its Reactor Oversight Process website at <http://www/nrc.gov/NRR/OVERSIGHT/index.html>. Findings for which the SDP does not apply are indicated by "No Color" or by the severity level of the applicable violations.

Report Details

Summary of Plant Status

The plant was at 100 percent power throughout the inspection period.

1. REACTOR SAFETY

Cornerstone: Emergency Preparedness

1EP1 Exercise Evaluation (71114.01)

a. Inspection Scope

The inspectors reviewed the 2001 exercise's objectives and scenario to ensure that the exercise would acceptably test major elements of the licensee's emergency plan. The inspectors evaluated the exercise's simulated problems to verify that they provided an acceptable framework to support demonstration of the licensee's capabilities to implement its emergency plan. The inspectors also reviewed records of a practice drill conducted in April 2001 to determine whether the associated scenario was sufficiently different from the scenario used in the May 22, 2001 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)
- Emergency Control Center (ECC)

The inspectors also assessed the licensee's recognition of abnormal plant conditions, transfer of responsibilities between facilities, internal communications, interface 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 OSC, TSC and ECC 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.

b. Findings

No findings of significance were identified.

4. **OTHER ACTIVITIES**

4OA1 Performance Indicator (PI) Verification (71151)

a. Inspection Scope

The inspectors reviewed the licensee's records related to each of the three emergency preparedness PIs to verify that the licensee's program was implemented consistent with industry guidelines in NEI 99-02 and licensee procedures. Specifically, licensee records related to the performance of the Alert and Notification System (ANS), Emergency Response Organization (ERO) Drill Participation, and Drill and Exercise Performance (DEP) were reviewed to verify the accuracy and completeness of the data submitted for the period April 2000 through March 2001. The inspectors also reviewed procedural guidance related to the gathering and assessment of PI-related information.

b. Findings

No findings of significance were identified.

4OA6 Management Meetings

Exit Meeting Summary

The inspectors presented the inspection results to Mr. G. Campbell and other members of licensee management and staff at the conclusion of the inspection on May 24, 2001. The licensee acknowledged the information presented. No proprietary information was identified.

Other Meetings

An inspector summarized NRC's preliminary exercise inspection findings at the public and media briefing conducted by Federal Emergency Management Agency (FEMA) staff in Port Clinton, Ohio, on May 25, 2001.

KEY POINTS OF CONTACT

Licensee

H. Bergendahl, Plant Manager
G. Campbell, Vice President
R. Coad, Assistant to the Plant Manager
B. Cope, Senior EP Specialist
D. Lockwood, Regulatory Affairs Manager
P. McCloskey, EP Supervisor
J. Michaelis, Supply Chain Manager
W. Migge, Nuclear Training Manager
D. Miller, Compliance Supervisor
S. Moffitt, Technical Director
R. Pell, Operations Manager
P. Schulltz, Radiation Protection Manager
H. Stevens, Quality Assurance Manager
P. Timmerman, Senior EP Specialist
L. Worley, Support Director

LIST OF ACRONYMS USED

ANS	Alert and Notification System
CFR	Code of Federal Regulations
CRS	Control Room Simulator
DEP	Drill and Exercise Performance
DRS	Division of Reactor Safety
ECC	Emergency Control Center
EP	Emergency Preparedness
ERO	Emergency Response Organization
FEMA	Federal Emergency Management Agency
IR	Inspection Report
NRC	Nuclear Regulatory Commission
OSC	Operations Support Center
PI	Performance Indicator
TSC	Technical Support Center

LIST OF DOCUMENTS REVIEWED

1EP1 Exercise Evaluation

	Davis-Besse Nuclear Power Station Emergency Plan	Revision 22
	Drill Controller's Scenario Manual	April 24-25, 2001
	Exercise Controller's Scenario Manual	May 22-23, 2001
RA-EP-01500	Emergency Classification	Revision 01
RA-EP-01700	Alert	Revision 00
RA-EP-01800	Site Area Emergency	Revision 00
RA-EP-01900	General Emergency	Revision 00
RA-EP-02010	Emergency Management	Revision 02
RA-EP-02110	Emergency Notification	Revision 01
RA-EP-02220	ECC Activation and Response	Revision 01
RA-EP-02230	Dose Assessment Center Activation and Response	Revision 03
RA-EP-02240	Offsite Dose Assessment	Revision 04
RA-EP-02245	Protective Action Guidelines	Revision 00
RA-EP-02260	Radiological Controls in the Davis-Besse Administration Building	Revision 00
RA-EP-02310	TSC Activation and Response	Revision 01
RA-EP-02410	OSC Activation and Response	Revision 02
RA-EP-02520	Assembly and Accountability	Revision 02
RA-EP-02610	ERO Activation and Response	Revision 01
RA-EP-02710	Re-entry	Revision 00
RA-EP-02720	Recovery Organization	Revision 01

4OA1 Performance Indicator (PI) Verification

EP Performance Indicator Guide for Drill/Exercise Performance	Revision 0
EP Performance Indicator Guide for ANS Reliability	Revision 0
EP Performance Indicator Guide for ERO Drill Participation	Revision 0
Monthly ANS Performance Records for April 2000 through March 2001	
Monthly "Key ERO" Participation Summary Records and Participants' Attendance Sheets for EP Drills and Relevant CRS Training for April 2000 through March 2001	
Completed Drill Evaluation Forms for DEP Opportunities for April 2000 through March 2001	