

August 31, 2006

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: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -
DAVIS-BESSE NUCLEAR POWER STATION

Dear Mr. Bezilla:

On August 7, 2006, the NRC staff completed its performance review of Davis-Besse Nuclear Power Station for the first half of the calendar year 2006 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous 12 months. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include physical protection information. A separate letter designated and marked as "Exempt from Public Disclosure in Accordance with 10 CFR 2.390" will include the physical protection review and resultant inspection plan.

Plant performance for the most recent quarter at Davis-Besse was within the Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green).

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through March 31, 2008. In addition to the program defined inspection activities, additional oversight activities will be conducted to follow up on the independent assessments in the areas of Operations, Engineering, Corrective Action Program, and Safety Culture/Safety Conscious Work Environment, as required by our March 8, 2004, Confirmatory Order (EA-03-214). The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections scheduled within the last 9 months of the inspection plan are tentative and may be revised at the end-of-cycle review.

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

M. Bezilla

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If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 630-829-9628 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Eric R. Duncan, Chief
Branch 6
Division of Reactor Projects

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

Enclosure:
Davis-Besse Nuclear Power Station Inspection/Activity Plan

DISTRIBUTION:
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M. Bezilla

-2-

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Sincerely,

/RA/

Eric R. Duncan, Chief
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cc w/encl: The Honorable Dennis Kucinich
G. Leidich, President and Chief
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J. Hagan, Senior Vice President of
Operations and Chief Operating Officer
Richard Anderson, Vice President
Director, Plant Operations
Manager - Site Regulatory Compliance
D. Pace, Senior Vice President of
of Fleet Engineering
J. Rinckel, Vice President, Fleet Oversight
D. Jenkins, Attorney, FirstEnergy
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
Ottawa County Sheriff
Director, Ottawa County EMA
Lucas County Sheriff
Director, Lucas County EMA
Genoa Village Administrator
Mayor of Clay Center
Mayor of Elmore
Mayor of Genoa
Mayor of Oak Harbor
Mayor of Toledo
Mayor of Port Clinton
Mayor of Marblehead
Mayor of Rocky Ridge
Village Administrator of Oak Harbor
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Davis-Besse
Inspection / Activity Plan
09/01/2006 - 03/31/2008

| Unit Number | Inspection Activity | Title | No. of Staff on Site | Planned Dates Start | Planned Dates End | Inspection Type |
|-------------|---------------------|---|----------------------|---------------------|-------------------|----------------------|
| | 93812 | - IN PROCESS ENGINEERING CY 06 EVALUATION | 1 | | | |
| 1 | IP 93812 | Special Inspection | | 09/11/2006 | 09/22/2006 | Event Response Insp |
| | PI&R | - PROBLEM IDENTIFICATION & RESOLUTION TEAM | 6 | | | |
| 1 | IP 71152 | Identification and Resolution of Problems | | 10/30/2006 | 11/17/2006 | Baseline Inspections |
| | IP 71122 | - ACCESS CNTL, RADWASTE & TRANSPORTATION | 1 | | | |
| 1 | IP 7112101 | Access Control to Radiologically Significant Areas | | 10/16/2006 | 10/20/2006 | Baseline Inspections |
| 1 | IP 7112202 | Radioactive Material Processing and Transportation | | 10/16/2006 | 10/20/2006 | Baseline Inspections |
| 1 | IP 71151 | Performance Indicator Verification | | 10/16/2006 | 10/20/2006 | Baseline Inspections |
| | 93812 | - IN PROCESS SC/SCWE CY06 EVALUATION | 1 | | | |
| 1 | IP 93812 | Special Inspection | | 11/06/2006 | 11/17/2006 | Event Response Insp |
| | 7111.11 | - LIC OPERATOR REQUAL PROGRAM EVALUATION | 2 | | | |
| 1 | IP 7111111B | Licensed Operator Requalification Program | | 11/13/2006 | 11/17/2006 | Baseline Inspections |
| | HS | - HEAT SINK INSPECTION | 1 | | | |
| 1 | IP 7111107B | Heat Sink Performance | | 12/11/2006 | 12/15/2006 | Baseline Inspections |
| | 7112201 | - EFFLUENTS, ACC CNTL | 1 | | | |
| 1 | IP 7112201 | Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems | | 01/22/2007 | 01/26/2007 | Baseline Inspections |
| 1 | IP 71151 | Performance Indicator Verification | | 01/22/2007 | 01/26/2007 | Baseline Inspections |
| | FPI | - FIRE PROTECTION TRIENNIAL | 3 | | | |
| 1 | IP 7111105T | Fire Protection [Triennial] | | 03/19/2007 | 04/06/2007 | Baseline Inspections |
| | EP BI | - BASELINE EP EXERCISE INSP | 1 | | | |
| 1 | IP 7111401 | Exercise Evaluation | | 05/14/2007 | 05/18/2007 | Baseline Inspections |
| 1 | IP 71151-EP01 | Drill/Exercise Performance | | 05/14/2007 | 05/18/2007 | Baseline Inspections |
| 1 | IP 71151-EP02 | ERO Drill Participation | | 05/14/2007 | 05/18/2007 | Baseline Inspections |
| 1 | IP 71151-EP03 | Alert & Notification System | | 05/14/2007 | 05/18/2007 | Baseline Inspections |
| | 7112103 | - RP INSTRUMENTATION & SCBA | 1 | | | |
| 1 | IP 7112103 | Radiation Monitoring Instrumentation and Protective Equipment | | 05/28/2007 | 06/01/2007 | Baseline Inspections |
| | MAINRULE | - MAINTENANCE RULE INSPECTION | 1 | | | |
| 1 | IP 7111112B | Maintenance Effectiveness | | 06/25/2007 | 06/29/2007 | Baseline Inspections |
| | ISFSI | - ISFSI INSPECTION | 1 | | | |
| 1 | IP 60855.1 | Operation of an Independent Spent Fuel Storage Installation at Operating Plants | | 07/10/2007 | 07/10/2007 | Other Routine |
| | 7112102 | - ALARA PLANNING | 1 | | | |
| 1 | IP 7112101 | Access Control to Radiologically Significant Areas | | 08/06/2007 | 08/10/2007 | Baseline Inspections |
| 1 | IP 7112102 | ALARA Planning and Controls | | 08/06/2007 | 08/10/2007 | Baseline Inspections |
| | CDBI | - COMPONENT DESIGN BASES INSPECTION | 6 | | | |
| 1 | IP 7111121 | Component Design Bases Inspection | | 11/12/2007 | 12/14/2007 | Baseline Inspections |

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

Davis-Besse
Inspection / Activity Plan
09/01/2006 - 03/31/2008

| Unit Number | Inspection Activity | Title | No. of Staff on Site | Planned Dates Start | Planned Dates End | Inspection Type |
|-------------|---------------------|--|----------------------|---------------------|-------------------|----------------------|
| | 71121.01 | - ACCESS CONTROL AND PI VERIFICATION | 1 | | | |
| 1 | IP 7112101 | Access Control to Radiologically Significant Areas | | 12/03/2007 | 12/07/2007 | Baseline Inspections |
| 1 | IP 71151 | Performance Indicator Verification | | 12/03/2007 | 12/07/2007 | Baseline Inspections |
| | FY 2007 | - DAVIS-BESSE INIT PREP 08/2007 | 3 | | | |
| 1 | W90159 | OL - INITIAL EXAM - DAVIS BESSE - AUG/SEP 2007 | | 01/28/2008 | 02/01/2008 | Not Applicable |
| | MOD/5059 | - MODIFICATION/50.59 INSPECTION | 2 | | | |
| 1 | IP 7111102 | Evaluation of Changes, Tests, or Experiments | | 01/28/2008 | 02/01/2008 | Baseline Inspections |
| 1 | IP 7111117B | Permanent Plant Modifications | | 01/28/2008 | 02/01/2008 | Baseline Inspections |
| | FY 2007 | - DAVIS-BESSE INIT EXAM 09/2007 | 3 | | | |
| 1 | W90159 | OL - INITIAL EXAM - DAVIS BESSE - AUG/SEP 2007 | | 02/18/2008 | 02/29/2008 | Not Applicable |
| | ISI | - ISI AND TI-150 INSPECTION | 1 | | | |
| 1 | IP 2515/150 | Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC ORDER EA-03- | | 02/18/2008 | 03/31/2008 | Safety Issues |
| 1 | IP 7111108P | Inservice Inspection Activities - PWR | | 02/18/2008 | 03/31/2008 | Baseline Inspections |