

March 2, 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: ANNUAL ASSESSMENT LETTER - DAVIS-BESSE NUCLEAR POWER
STATION (REPORT 05000346/2007-001)

Dear Mr. Bezilla:

On February 13, 2007, the NRC staff completed its performance review of the Davis-Besse Nuclear Power Station. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2006. 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 as "Exempt from Public Disclosure in Accordance with 10 CFR 2.390" and marked as "Official Use Only - Security-Related Information" will include the physical protection review and resultant inspection plan.

Overall, Davis-Besse operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as the first three quarters of the assessment cycle, 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). Therefore, with the exception of the annual independent assessment reviews, we plan to conduct only reactor oversight process baseline inspections at your facility.

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through June 30, 2008. 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 next mid-cycle review. In addition to the program-defined inspection activities, additional oversight activities will be conducted to follow up on your independent assessments in the areas of Engineering Program Effectiveness; Corrective Action Program Implementation; and Organizational Safety Culture and Safety Conscious Work Environment; as required by our March 8, 2004, Confirmatory Order (EA-03-214). By letter dated August 23, 2006, you requested that the NRC consider rescinding the condition of the Order that requires independent assessments of Operations Performance. We are considering your request and plan to provide you with our decision in the near future.

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), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

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

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/RA/

Eric R. Duncan, Chief
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Division of Reactor Projects

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| DATE | 03/02/07 | | | | | | |

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cc w/encl: The Honorable Dennis Kucinich
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Nuclear Officer - FENOC
J. Hagan, Senior Vice President of
Operations and Chief Operating Officer
Richard Anderson, Vice President, Nuclear Support
Director, Fleet Regulatory Affairs
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
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Davis-Besse
Inspection / Activity Plan
03/01/2007 - 06/30/2008

| Unit Number | Inspection Activity | Title | No. of Staff on Site | Planned Dates Start | Planned Dates End | Inspection Type |
|-------------|---------------------|---|----------------------|---------------------|-------------------|----------------------|
| | FPI | - FIRE PROTECTION TRIENNIAL | 5 | | | |
| 1 | IP 7111105T | Fire Protection [Triennial] | | 03/12/2007 | 04/06/2007 | Baseline Inspections |
| | 95003 | - 06 SC/SCWE FOLLOW UP | 3 | | | |
| 1 | IP 95003 | Inspection For Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple | | 04/09/2007 | 04/13/2007 | Supplemental Program |
| | 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 | | 06/18/2007 | 06/22/2007 | Baseline Inspections |
| | MAINRULE | - MAINTENANCE RULE INSPECTION | 1 | | | |
| 1 | IP 7111112B | Maintenance Effectiveness | | 06/25/2007 | 06/29/2007 | Baseline Inspections |
| | 95003 | - 07 INDP CAP OBSERVATION | 1 | | | |
| 1 | IP 95003 | Inspection For Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple | | 07/17/2007 | 07/20/2007 | Supplemental Program |
| | HD REPL | - RPV HEAD DROP CALCULATIONS | 1 | | | |
| 1 | IP 71007 | Reactor Vessel Head Replacement Inspection | | 07/09/2007 | 08/06/2007 | 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 |
| 1 | IP 71151 | Performance Indicator Verification | | 08/06/2007 | 08/10/2007 | Baseline Inspections |
| | 95003 | - INDP ENG ASSESSMENT OBS | 1 | | | |
| 1 | IP 95003 | Inspection For Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple | | 09/17/2007 | 09/21/2007 | Supplemental Program |
| | 95003 | - 07 INDP CAP RPT REVIEW | 1 | | | |
| 1 | IP 95003 | Inspection For Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple | | 10/01/2007 | 10/05/2007 | Supplemental Program |
| | CDBI | - COMPONENT DESIGN BASES INSPECTION | 6 | | | |
| 1 | IP 7111121 | Component Design Bases Inspection | | 10/22/2007 | 11/30/2007 | Baseline Inspections |
| | 95003 | - 07 INDP SC/SCWE OBSERVATION | 1 | | | |
| 1 | IP 95003 | Inspection For Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple | | 10/29/2007 | 11/02/2007 | Supplemental Program |
| | 71122.02 | - RADWASTE AND TRANSPORTATION | 2 | | | |
| 1 | IP 7112202 | Radioactive Material Processing and Transportation | | 12/10/2007 | 12/14/2007 | Baseline Inspections |
| | ISI | - ISI & TI-150 INSPECTION | 1 | | | |
| 1 | IP 2515/150 | Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC ORDER EA-03- | | 01/01/2008 | 01/28/2008 | Safety Issues |
| 1 | IP 7111108P | Inservice Inspection Activities - PWR | | 01/01/2008 | 01/28/2008 | 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
03/01/2007 - 06/30/2008

| Unit Number | Inspection Activity | Title | No. of Staff on Site | Planned Dates Start | Planned Dates End | Inspection Type |
|-------------|---------------------|---|----------------------|---------------------|-------------------|----------------------|
| | EP | - EP PROG AND PI | 1 | | | |
| 1 | IP 7111402 | Alert and Notification System Testing | | 02/25/2008 | 02/29/2008 | Baseline Inspections |
| 1 | IP 7111403 | Emergency Response Organization Augmentation Testing | | 02/25/2008 | 02/29/2008 | Baseline Inspections |
| 1 | IP 7111405 | Correction of Emergency Preparedness Weaknesses and Deficiencies | | 02/25/2008 | 02/29/2008 | Baseline Inspections |
| 1 | IP 71151 | Performance Indicator Verification | | 02/25/2008 | 02/29/2008 | Baseline Inspections |
| | 7112202 | - INSTRUMENTATION | 1 | | | |
| 1 | IP 7112103 | Radiation Monitoring Instrumentation and Protective Equipment | | 01/07/2008 | 01/11/2008 | Baseline Inspections |
| | 95003 | - 07 SC/SCWE REPORT REVIEW | 1 | | | |
| 1 | IP 93812 | Special Inspection | | 02/04/2008 | 02/08/2008 | Event Response Insp |
| | FY2008 | - 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 |
| | FY 2008 | - 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 |
| | 71121.02 | - ACCESS AND ALARA | 1 | | | |
| 1 | IP 7112101 | Access Control to Radiologically Significant Areas | | 03/03/2008 | 03/07/2008 | Baseline Inspections |
| 1 | IP 7112102 | ALARA Planning and Controls | | 03/03/2008 | 03/07/2008 | Baseline Inspections |
| | 71152B | - PI&R | 1 | | | |
| 1 | IP 71152B | Identification and Resolution of Problems | | 04/21/2008 | 05/09/2008 | Baseline Inspections |
| | 7112203 | - REMP | 1 | | | |
| 1 | IP 7112203 | Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control P | | 05/26/2008 | 05/30/2008 | Baseline Inspections |
| 1 | IP 71151-PR01 | RETS/ODCM Radiological Effluent | | 05/26/2008 | 05/30/2008 | Baseline Inspections |
| | MOD/5059 | - MODIFICATION/50.59 INSPECTION | 2 | | | |
| 1 | IP 7111102 | Evaluation of Changes, Tests, or Experiments | | 06/02/2008 | 06/20/2008 | Baseline Inspections |
| 1 | IP 711117B | Permanent Plant Modifications | | 06/02/2008 | 06/20/2008 | Baseline Inspections |