

June 26, 2002

MEMORANDUM TO: File (Davis-Besse)

FROM: Douglas V. Pickett, Senior Project Manager, Section 2 /RA/
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

SUBJECT: DAVIS-BESSE NUCLEAR POWER STATION - SUMMARY OF
NUCLEAR REGULATORY COMMISSION (NRC) ACTIVITIES FOR THE
WEEK OF MARCH 25, 2002, RE: CONTROL ROD DRIVE MECHANISM
NOZZLE PROJECT (TAC NO. MB4479)

March 25:

Attachment 1 is the licensee daily status summary, which is used as the agenda for the daily status call. Included are sketches for the repair process on Nozzle No. 3. An information only telecon was held between Nuclear Reactor Regulation staff and the licensee to discuss proposed modifications to the reactor pressure vessel (RPV) head. The licensee proposes to plug Nozzles 2 and 11 and remove a 13-inch diameter section of the RPV head that contains the degraded area and Nozzle No. 3, and install a 13-inch diameter 3.5-inch thick alloy-690 plug. This would require multiple reliefs from the American Society of Mechanical Engineers (ASME) Code. The licensee was informed that the staff did not consider the preliminary probable cause summary report of March 22 to be complete and that additional staff questions would be forthcoming. Also, the staff informed the licensee that a public meeting to discuss the root cause would be appropriate. The licensee provided its 7-day response to NRC Bulletin 2002-01 and requested its response be delayed until prior to restart from its current outage (ADAMS No. ML020880618).

Headquarters participants included:

Steve Long	Carol Moyer	Jay Collins	Bill Cullen
Terence Chan	Allen Hiser	Beth Wetzel	Doug Pickett
Mike Switzer	Ken Karwoski	Bill Bateman	
Andrea Lee	Keith Wichman	Tony Mendiola	

March 25:

A telecon was held with the licensee to discuss overall plans for ASME Code relief requests. We discussed which edition of the Code (1989 versus 1995) to be used. Licensee states proposed modification to have structural life of 10 years. Inservice inspections necessary if modification lasts beyond one cycle. We request schedule milestones, pictures for web, public meeting.

Participants included:

Don Naujock	Ed Andruszkiewicz	Terence Chan
Jay Collins	Keith Wichman	Tony Mendiola
Tim Steingass	Allen Hiser	Doug Pickett

March 27:

Attachment 2 is the licensee daily status summary. Complete repairs for Nozzles 1, 5 & 47. Still investigating results of Nozzle 46 ultrasonic test.

Headquarters participants included:

Tony Mendiola	Mike Switzer	Allen Hiser
Jay Collins	Keith Wichman	Bill Cullen
Ken Karwoski	Jin Chung	Tim Steingass
Ed Andruszkiewicz	Beth Wetzel	Steve Long
Doug Pickett		

The licensee provided its confirmatory action letter response and plan and schedule for safety significance assessment in a letter from H. Bergendahl (licensee) to J. Dyer (RIII), ADAMS No. ML020880762.

March 28:

Nuclear Energy Institute (NEI) provided the results of the MRP assessment of the survey conducted on pressurized-water reactor pressure vessel closure head inspections in a letter from A. Marion (NEI) to B. Sheron (NRC), ADAMS No. ML021000328. Congresswoman Kaptur requested NRC action regarding Davis-Besse by letter to Chairman Meserve (ADAMS No. ML020920815).

March 29:

Attachment 3 includes the questions developed by the staff concerning the licensee's March 22, 2002, preliminary probable cause summary report. A notice was issued regarding a forthcoming public meeting with the licensee on April 10, 2002, at Headquarters to discuss proposed repairs and modifications to the RPV head.

March 29:

Attachment 4 is the licensee daily status summary, which is used as the agenda for the daily status call. Items of discussion included:

- Tunneling surrounding Nozzle 3 is still a concern. How far does the undercut go in the direction of Nozzle 11?
- Nozzle 2 is expected to be removed next Monday afternoon (April 1).
- Grinding on Nozzle 46 not complete. Expected late next week.

Headquarters participants included:

Beth Wetzel	Carol Moyer	Tim Steingass	Doug Pickett
Terence Chan	Ken Karwoski	Bill Bateman	
Steve Bloom	Singh Bajwa	Stephanie Coffin	

Docket No. 50-346

- Attachments:
1. March 25 licensee status summary, including sketches for the repair process on Nozzle No. 3 (6 pages)
 2. March 27 licensee status summary (1 page)
 3. E-mail from D. Pickett (NRR) to D. Lockwood (licensee), dated March 29, Fwd: root cause Q's (5 pages)
 4. March 29 licensee status summary (1 page)

Headquarters participants included:

Beth Wetzel	Carol Moyer	Tim Steingass	Doug Pickett
Terence Chan	Ken Karwoski	Bill Bateman	
Steve Bloom	Singh Bajwa	Stephanie Coffin	

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*See previous concurrence