

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 11, 2002, RE: CONTROL ROD DRIVE MECHANISM  
NOZZLE PROJECT (TAC NO. MB4479)

March 11:

NRC initiated the Communication Plan for Davis-Besse, "Significant Metal Loss Observed in RPV Head." Attachment 1 is the licensee daily status summary, which is used as the agenda for the daily status call. Attachment 2 includes photos and sketches of the visual examination results of Nozzle No. 2. Attachment 3 is an e-mail from E. Hayden (OPA) regarding status of NRC actions on the issue. Letter sent from B. Sheron (NRR) to A. Marion (NEI) regarding reactor pressure vessel (RPV) head degradation at Davis-Besse (ADAMS No. ML020700711).

March 12:

Region III issued press release No. III-02-002, "NRC to Conduct Augmented Inspection of Davis-Besse Reactor Vessel Damage." NRC issued Information Notice 2002-11, "Recent Experience with Degradation of Reactor Pressure Vessel Head." Attachment 4 is the licensee daily status summary. Attachment 5 is an e-mail from B. Sheron with a to-do list for the staff. The licensee provided a commitment letter to Region III for resolution of the vessel head degradation (ADAMS No. ML020730673). Region III established an augmented inspection team (AIT) (ADAMS No. ML020730194). Region III informed the licensee that they should do no repair or attempt to obtain samples from the nozzles until the work is approved by W. Bateman (NRR). Attachment 6 is a request from the licensee for a telecon to set up the process. Region III requested a call with Nuclear Reactor Regulation (NRR) to discuss the draft confirmatory action letter (CAL).

March 13:

NRC established a reactor vessel head degradation website. Attachment 7 is the licensee's draft data gathering plan to support the root cause determination, which was discussed at an 8:30 AM telecon with the staff. Attachment 8 is the data gathering plan revised with NRC comments incorporated. Attachment 9 is the licensee daily status summary. Region III issued CAL No. 3-02-001 (ADAMS No. ML020730225).

March 14:

A notice was issued for a forthcoming public meeting with interested external stakeholders on March 20, 2002, at Headquarters to discuss current knowledge related to the RPV head

degradation at Davis-Besse. A Commissioners TA Briefing was held (Slides are included in Attachment 10). Attachment 11 is the licensee daily status summary.

March 15:

The Office of Public Affairs issued press release No. 02-029, "NRC Issues CAL on Davis-Besse; Schedules Meetings; Establishes WEB Link for Info on RV Degradation." Attachment 12 is the licensee daily status summary with attached quarantine area inspection and sampling plan (QAIS). Steps 1-12 of the plan were closed out. Steps 13-22 were revised, reviewed with the AIT, and sent to NRR for review. NRC rated the event a Category 3 on the international nuclear event scale. A staff call was scheduled for 4:00 PM with the licensee to discuss Steps 13-22 of the QAIS. Region III and NRR decided to continue daily AIT debrief calls at 3:30 PM throughout the weekend and into next week.

March 16-17:

Attachments 13-16 (vendor repair experience, stress analysis measurement data, and corrosion equations) were provided by the licensee to support the daily status calls.

Docket No. 50-346

- Attachments:
1. March 11 licensee status summary (1 page)
  2. Photo and sketches of the visual examination results of Nozzle No. 2 (3 pages)
  3. E-mail from E. Hayden (OPA) to A. Mendiola (NRR), et al., dated March 11, actions planned for Davis-Besse, et al. (2 pages)
  4. March 12 licensee status summary (1 page)
  5. E-mail from B. Sheron (NRR) to assorted staff (NRR), dated March 12, stuff we need to do (1 page)
  6. E-mail from D. Wuokko (licensee) to A. Mendiola (NRR), dated March 12, Davis-Besse request for conference call (1 page)
  7. E-mail from D. Wuokko (licensee) to A. Mendiola (NRR), et al., dated March 13, information for 0830 AM conference call (5 pages)
  8. E-mail from D. Wuokko (licensee) to A. Mendiola (NRR), et al., dated March 13, revised plan (4 pages)
  9. March 13 licensee status summary (1 page)
  10. Commissioners TA Briefing slides (13 pages)
  11. March 14 licensee status summary (1 page)
  12. March 15 licensee status summary with attached quarantine area inspection and sampling plan (6 pages)
  13. E-mail from M. Leisure (licensee) to A. Mendiola (NRR), et al., dated March 16, Framatome repair experience (3 pages)
  14. E-mail from M. Leisure (licensee) to A. Mendiola (NRR), et al., dated March 16, stress analysis measurement data (3 pages)
  15. E-mail from M. Leisure (licensee) to A. Mendiola (NRR), et al., dated March 16, corrosion equations (3 pages)
  16. E-mail from D. Wuokko (licensee) to A. Mendiola (NRR), et al., dated March 17, F-ANP repair experience with nozzles and penetrations (3 pages).

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