

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 MAY 20, 2002, RE: CONTROL ROD DRIVE MECHANISM
NOZZLE PROJECT (TAC NO. MB4799)

May 20:

Attachment 1 is the licensee daily status summary, which is used as the agenda for the daily status call. Highlights of the telecon included:

- Mark McLaughlin personally inspected the outside edges of the cavity that was removed from the head and the inside bore of the reactor pressure vessel (RPV) head for any signs of delamination or corrosion. He found neither.
- FirstEnergy Nuclear Operating Company made a videotape of the cavity and the bore and will send a copy to Nuclear Reactor Regulation.
- The weld radiograph of the Midland RPV head was completed last Friday night. The exposure lasted 60 hours and a single radiograph was made which consisted of 43 segments. Nine of the segments represented record-quality radiographs whereas 34 were not of record-quality. The licensee started a new 60-hour exposure at noon yesterday.
- The licensee is convinced the head is good even though new radiographs are needed. They claim to be very close to signing a purchase order with Consumers. Some last-minute details (with insurance concerns given as an example) remain with Framatome.
- Licensee expects to sign a purchase order as early as Tuesday or Wednesday of this week.
- Licensee is reviewing Simon Sheng's request for additional information on the repair plan. They plan to be ready to schedule a telecon to discuss the questions on Wednesday of this week.
- Licensee is re-evaluating their addendum to the Safety Significance Assessment which was scheduled for submittal by June 7, 2002. They plan to address any revision to this submittal date by Wednesday of this week.
- Nozzles 2, 11, and the cavity are in quarantine in the hot shop.
- Dwight Cates, an investigator for the U.S. House Committee on Energy and Commerce, is scheduled to visit the site this Wednesday, May 22, 2002.
- Licensee addressed Phase 3 Sample Plan. Allen Hiser clarified that we approved their proposal to ship components to Framatome in Lynchburg last week. They will conduct non-destructive testing, measurements, video.

Participants included:

Allen Hiser	Keith Wichman	Andrea Lee	Steve Long
Carol Moyer	Bill Cullen	Tim Steingass	Stephanie Coffin
Bill Bateman	Jay Collins	Ed Andruszkiewicz	Ken Chang
Simon Sheng	Mike Switzer	Doug Pickett	

May 20:

Attachment 2 includes photos taken following cutting the cavity from the RPV head.

May 21:

At the licensee's request, Rich McIntyre and Doug Pickett held a telecon with Bob Schrauder, Dale Wuokko, and Steve Frantz of Davis-Besse concerning final thoughts relating to purchase of the Midland RPV head. Items discussed included:

- Three-way contract with Framatome buying RPV head from Consumers Power "as-is." After certification complete, Framatome to sell RPV head to FirstEnergy as safety-related equipment.
- Licensee was concerned about the Statements of Consideration accompanying 10 CFR Part 21 where it is indicated that commercial grade components cannot be dedicated to reactor coolant pressure boundary (Attachment 3, 60 FR 48369, dated September 19, 1995).
- Framatome will purchase RPV head with the known non-conformance of not maintaining the head in a quality environment.
- Consumers will be contractually obligated to the reporting requirements of Part 21 for 48 hours following signature.

May 23:

Attachment 4 is an email from Dale Wuokko of FirstEnergy indicating status of NRC questions concerning Safety Significance Assessment. Licensee requests guidance concerning response to item 1D.

May 23:

Attachment 5 is FirstEnergy press release announcing purchase of Midland RPV head.

Docket No. 50-346

- Attachments:
1. May 20, 2002, licensee daily status summary (3 pages)
 2. Photos taken following cutting the cavity from the RPV head (2 pages)
 3. Federal Register Citation 48369 dated September 19, 1995 (12 pages)
 4. E-mail from D. Wuokko to D. Pickett dated May 23, 2002, RE: NRC Questions on Safety Significance Assessment (2 pages)
 5. FirstEnergy Press Release announcing purchase of Midland RPV head (2 pages)

