



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

December 6, 1984

TAC 56390
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PDR

DOCKET NO(S). 50-346
Mr. Richard P. Crouse
Vice President, Nuclear
Toledo Edison Company
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Toledo, Ohio 43652

SUBJECT: DAVIS-BESSE NUCLEAR POWER STATION, UNIT NO. 1

The following documents concerning our review of the subject facility are transmitted for your information.

- Notice of Receipt of Application, dated _____.
- Draft/Final Environmental Statement, dated _____.
- Notice of Availability of Draft/Final Environmental Statement, dated _____.
- Safety Evaluation Report, or Supplement No. _____, dated _____.
- Notice of Hearing on Application for Construction Permit, dated _____.
- Notice of Consideration of Issuance of Facility Operating License, dated _____.
- Monthly Notice; Applications and Amendments to Operating Licenses Involving no Significant Hazards Considerations, dated _____.
- Application and Safety Analysis Report, Volume _____.
- Amendment No. _____ to Application/SAR dated _____.
- Construction Permit No. CPPR- _____, Amendment No. _____ dated _____.
- Facility Operating License No. _____, Amendment No. _____, dated _____.
- Order Extending Construction Completion Date, dated _____.
- Other (Specify) Public Notice of consideration of issuance of Amendment to Facility Operating License concerning amendment application dated December 3, 1984, to provide for determining AFW operability without regard to status of SDFP until entering mode 1 for Cycle 5.

Albert W. De Agazio
Office of Nuclear Reactor Regulation
Albert W. De Agazio, Project Manager
Operating Reactors Branch #4
Division of Licensing

Enclosures:
As stated

cc: w/enclosure:
See next page

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cc w/enclosure(s):

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TAC 56 590
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PUBLIC NOTICE

NRC Staff Proposes to Amend Operating License for
Davis-Besse Nuclear Power Station, Unit No. 1

The Nuclear Regulatory Commission staff has received an application dated December 3, 1984, from the Toledo Edison Company (the licensee) for an amendment to the operating license for the Davis-Besse Nuclear Power Station, Unit No. 1, located in Ottawa County, Ohio.

If approved, the amendment would eliminate consideration of the status of the startup feedwater system from the determination of the operability of the auxiliary feedwater system for a limited period only. This period would extend from the date of issuance of the amendment until the time the station makes the transition into operational mode 1, that is, enters power range operations. Operating at full power is the subject of a Notice published in the Federal Register on September 28, 1984 (49 FR 38412).

The licensee has requested NRC action on its request as soon as possible.

Following an initial review of this application, the NRC staff has made a proposed (preliminary) determination that the requested amendment involves no significant hazards consideration. Under NRC regulations, this means that the proposed amendment does not involve a significant increase in the probability or consequences of an accident, would not create the possibility of a new or different kind of accident from any accident previously evaluated, or involve a significant reduction in a safety margin.

The application of these criteria for the preliminary determination that the proposed amendment involves no significant hazards consideration is as follows:

1. No Significant Increase in the Probability or Consequences of an Accident Previously Analyzed

The operation of the startup feedwater system, portions of which are located in areas where auxiliary feedwater system components are located, presents a risk to the auxiliary feedwater system. This risk would be due to the effects of pipe whip, high temperature, or flooding if a portion of the startup feedwater system were to rupture. The estimated probability of such a rupture occurring has been compared to the estimated probability of auxiliary feedwater failure from all other causes. This comparison shows the expected increase in the probability of auxiliary feedwater failure is not significant. The consequences of auxiliary feedwater system failures would be less due to the period of time that the plant has been shutdown for refueling (about 95 days) resulting in low decay heat combined with the fact that the plant will not enter Operating Mode 1 under this amendment.

2. No Creation of a New or Different Kind of Accident Than Previously Analyzed

Any loss of auxiliary feedwater due to a failure of the startup feedwater system prior to cycle 5 mode 1 operation would not be a new or different accident than previously analyzed due to the period of time that the plant has been shutdown for refueling (about 95 days) resulting in low decay heat.

3. No Significant Reduction in a Safety Margin

The startup feedwater system pump suction and discharge piping is not designed to safe shutdown earthquake requirements nor is the startup pump cooling water piping. An amendment allowing operation of the present startup feedwater system involves a reduction in the safety margin that otherwise would be provided against a seismic event.

However, the licensee has committed to station operating personnel in the startup feedwater pump-auxiliary feedwater pump room to take action to isolate the startup feedwater system in the event leaks or piping failure occur which could jeopardize the auxiliary feedwater function. Therefore, the associated reduction in margin is at least partially compensated for and is not considered significant.

Therefore, based on these considerations and the three criteria given above, the NRC staff has made a proposed determination that the amendment request involves no significant hazards consideration.

The NRC has determined that due to exigent circumstances, there is no time to publish, for public comment before issuance, its usual notice in the Federal Register of the proposed action. The exigent circumstances result from the licensee's late recognition that a Technical Specification change was necessary in order to obtain approval for use of the startup feedwater system. While the plant could be started up and operated at low power without this change, initial startup from a refueling outage without this change is undesirable because it could extend or prevent performance of required zero-power core physics testing and could result in unnecessary challenges to the plant safety systems.

If the proposed determination becomes final, the NRC staff will issue the amendment without first offering an opportunity for a public hearing. An opportunity for a hearing will be published in the Federal Register at a later date and any hearing request will not delay the effective date of the amendment.

If the NRC decides in its final determination that the amendment does involve a significant hazards consideration, a notice of opportunity for a prior hearing will be published in the Federal Register and, if a hearing is granted, it will be held before the amendment is issued.

Comments on the proposed determination may be telephoned to John F. Stolz, Chief of Operating Reactors Branch No. 4, by collect call to (301) 492-8960. All comments received by December 19, 1984, will be considered in reaching a final determination. A copy of the application may be examined at the NRC's local public document room located at the University of Toledo Library, Documents Department, 2801 Bancroft Avenue, Toledo, Ohio 43606.