

Docket No. 50-346

License No. NPF-3

Serial No. 675

January 5, 1981



RICHARD P. CROUSE
Vice President
Nuclear
419-259-5221

Director of Nuclear Reactor Regulation
Attention: Mr. Robert W. Reid, Chief
Operating Reactors Branch No. 4
Division of Licensing
United States Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Reid:

Under separate cover we are transmitting three (3) original and forty (40) conformed copies of this letter and Attachment A for application of an Amendment to Facility Operating License No. NPF-3 for the Davis-Besse Nuclear Power Station, Unit No. 1 (DB-1).

This amendment application proposes changes to the current DB-1 technical specifications. This would allow the de-automation of Level 5 of the Safety Features Actuation System (SFAS). As a result, the long term post-loss of coolant accident (LOCA) shifting from the injection mode to the recirculation mode of core cooling will be manually accomplished from the control room.

This specific request stems from several discussions surrounding the December 5, 1980, SFAS actuation with your staff. Its intent is to provide resolution of concerns raised by your staff related to potential damage due to inadvertent or premature alignment of emergency core cooling systems (ECCS) to recirculation modes of operation, as well as those we reflected in a July 13, 1979, request for a license amendment.

Attachment A identifies the specific proposed changes to the technical specifications, the safety evaluation and the schedule to implement the proposed amendment. Also attached are marked up elementary wiring drawings of the BWST Outlet Valve (Drawing No. E-52B SH - 19A) and the Containment Emergency Sump Valve (Drawing No. E-52B SH - 19B) indicating the proposed modification to de-automate this function.

Attachment B provides the draft proposed modifications to the emergency operating procedures and the system operating procedures that are to be made reflecting the actions required to manually initiate long term post - LOCA recirculation core cooling. All control room personnel will be trained in these procedural modifications prior to their standing watches after system modification. Additionally, the prime responsibility for ensuring the manual shifting will be assigned to a licensed operator stationed in addition to those currently required by the DB-1 technical specifications

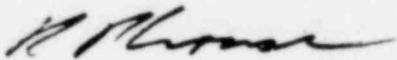
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(this is planned to be the same additional operator currently stationed for reactor coolant pump termination upon injection mode initiation).

Although this effort addresses the immediate concerns, Toledo Edison will further pursue the questions raised by your staff concerning the DB-1 SFAS compliance with IEEE 279-1971. A joint meeting between your staff, Toledo Edison, Bechtel Associates and Consolidated Controls Corporation is recommended during the week of January 26, 1981. At that time standard compliance and any longer term actions can be discussed.

Attachment A is determined to be a Class III amendment request. A \$4,000.00 check is enclosed as per 10CFR170. Action taken on this request will preclude the need for approval of our July 13, 1979, submittal (Serial No. 527). Therefore, we request suspending its review until notified otherwise by Toledo Edison.

Very truly yours,



RPC/lar

cc: DB-1 Resident Inspector

APPLICATION FOR AMENDMENT
TO
FACILITY OPERATING LICENSE NO. NPF-3
FOR
DAVIS-BESSE NUCLEAR POWER STATION
UNIT NO. 1

Enclosed are forty-three (43) copies of the requested changes to the Davis-Besse Nuclear Power Station Unit No. 1 Facility Operating License No. NPF-3, together with Safety Evaluation for the requested change.

The proposed changes on pages:

3/4 1-17, 3/4 3-10, 3/4 3-11, 3/4 3-13, 3/4 3-20, 3/4 3-21
3/4 3-48, 3/4 3-50, 3/4 5-3, 3/4 5-6, 3/4 5-7, 3/4 6-11 and
B3/4-12

By *R. P. Brown*
Vice President, Nuclear

Sworn and subscribed before me this 5 day of January 1981.

Linda L. Costell
Notary Public

LINDA L. COSTELL
Notary Public — State of Ohio
My Commission Expires Feb. 9, 1982