

Central Files
NRR Reading
AB Reading

JUN 13 1978

MEMORANDUM FOR: Thomas Novak, Chief, Reactor Systems Branch, DSS
THRU: D. F. Ross, Jr., Assistant Director for Reactor Safety, DSS
FROM: Zoltan R. Rosztoczy, Chief, Analysis Branch, DSS
SUBJECT: SAFETY EVALUATION OF BAW-1489, "ATTACHMENT 1 TO APPLICATION TO AMEND OPERATING LICENSE FOR REMOVAL OF BURNABLE POISON ROD AND ORIFICE ROD ASSEMBLIES - DAVIS-BESSE NUCLEAR GENERATING STATION, UNIT 1", REV. 1, 5/26/78

Plant Name: Davis-Besse, Unit 1
Docket No.: SO-346
Licensing Stage: OL
Responsible Branch and Project Manager: LWR-1, L. Engle
Systems Safety Branch Involved: Analysis Branch
Description of Review: Audit Review
Review Status: Review of Proposed Change Complete

The Analysis Branch has reviewed Section 5, "Thermal Hydraulic Design" and Section 7 on technical specification changes. We agree with the applicant that the actual system flow exceeds the design flow by an amount sufficient to compensate for the increased bypass flow due to removal of all burnable poison rods and all but two orifice rod assemblies. In addition, the excess flow is sufficient to accommodate the additional margin required for potential effects of dod bow and for measurement uncertainties. Additional discussion is provided in the enclosed evaluation.

Enclosure:
As stated

Paul Novak
Zoltan R. Rosztoczy
Zoltan R. Rosztoczy, Chief
Analysis Branch
Division of Systems Safety

cc: S. Hanauer
R. Mattson
F. Schroeder
R. Boyd
J. Stolz
L. Engle
D. Ross

P. Check
Z. Rosztoczy
L. Phillips
G. Holahan
W. Hodges

Contact
NRR: W. Hodges

Ext. OFFICE	27588	DSS:AB	DSS:AB	DSS:AB	DSS:RS
SURNAME		WHodges:lt	LPhillips	ZRosztoczy	DRoss
DATE		6/12/78	6/12/78	6/12/78	6/12/78

8002130671 P