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JUN 23 1975

Docket No. 50-346

V. A. Honre, Assistant Director for LWRs, Group 2, RL

SAFETY EVALUATION REPORT - TOLEDO EDISON COMPANY, DAVIS BESSE
NUCLEAR POWER STATION - UNIT 1

Plant Name: Davis Besse 1
Licensing Stage: OL
Docket Number: 50-346
Milestone Number: 24-22
Responsible Branch and Project Leader: LWR 2-3, L. Engle
Technical Review Branch Involved: EI&CS Branch
Description of Review: Safety Evaluation Report
Requested Completion Date: June 6, 1975
Review Status: Complete with the exception of items stated below,
and the supplemental safety evaluation report

The enclosed safety evaluation report was prepared by the TR:RS,
Electrical, Instrumentation and Control Systems Branch. This
evaluation reflects the results of our review of the application
through Amendment 28.

The report is submitted prior to making a site visit and completion
of the drawing review. In addition, the following areas have not
been satisfactorily resolved with the applicant and remain as
outstanding items.

1. Final approval of BAW-10003 Topical Report for RPS equipment
Qualification Testing (SER Section 7.2).
2. Documentation comparing Davis Besse Unit 1 ESF actuation system
with Millstone Unit 2 (SER Section 7.3.1).
3. Documentation confirming the applicant's commitment complying
with the staff requirements regarding diversity for DHR valve
interlocks (SER Section 7.3.3).
4. Documentation confirming the applicant's commitments complying with
the staff's requirements regarding Core Flooding Tank Isolation
Valve System (SER Section 7.3.4).

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V. A. Moore

5. Modification of the Auxiliary Feedwater System, Main Steam Line Rupture System and Main Feedwater Line Rupture System, demonstrating conformance with IEEE Std 279-1971 (SER Sections 7.4.1, 7.4.2 and 7.5.3).
6. Documentation verifying conformance to the staff's requirements on Post-Accident Monitoring (SER Section 7.5.1).
7. Documentation fully describing the applicant's Cable Separation and Identification Criteria (SER Section 7.9).
8. Documentation describing the degree of protection used for maintaining electrical penetration integrity (SER Section 7.10).

Any problems likely to arise as a result of completion of these review activities and their resolution will be reported in the supplemental safety evaluation report.

Original Signed by
Victor Stello

Victor Stello, Jr., Assistant Director
for Reactor Safety
Division of Technical Review
Office of Nuclear Reactor Regulation

Enclosure:
Safety Evaluation Report

- cc: S. Hanauer
F. Schroeder
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DATE →	6/19/75	6/20/75	6/20/75	6/23/75		