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 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana & 05000315
 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316
 AUTH. NAME: ALEXICH, M.P. AUTHOR AFFILIATION: Indiana & Michigan Electric Co.
 RECIP. NAME: DENTON, H.R. RECIPIENT AFFILIATION: Office of Nuclear Reactor Regulation, Director

SUBJECT: Provides confirmation that shunt trip seismically qualified based on listed Westinghouse repts, in response to SA Varga 850123, ltr. Proposed Tech Specs for reactor trip breakers will be submitted, per Generic Ltr 85-09

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 TITLE: OR/Licensing Submittal: Salem ATWS Events GL-83-28

NOTES: OL: 10/25/74 05000315
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September 18, 1985

AEP:NRC:0838J

Donald C. Cook Nuclear Plant Unit Nos. 1 and 2
Docket Nos. 50-315 and 50-316
License Nos. DPR-58 and DPR-74
GENERIC LETTER 83-28, REQUIRED ACTION BASED
ON GENERIC IMPLICATIONS OF SALEM ATWS EVENTS,
ITEM 4.3, SHUNT TRIP ATTACHMENT

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Denton:

Generic Letter 83-28, Item 4.3, required that modifications be made to improve the reliability of the Reactor Trip System. We accomplished this by providing automatic actuation of the shunt trip attachment on the reactor trip breakers. Our design modifications and responses to questions specific to the Donald C. Cook Nuclear Plant were submitted to the NRC in our letter AEP:NRC:0838E, dated December 21, 1984.

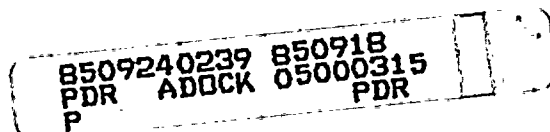
In a letter from S. A. Varga to John E. Dolan dated January 23, 1985 (NRC Safety Evaluation Report), the NRC found our design modifications and plant-specific responses to be acceptable.

However, Mr. Varga's January 23, 1985 letter also requested that we: (1) provide confirmation to the NRC that the shunt trip is seismically qualified, and (2) following implementation of the shunt trip modifications, submit proposed technical specifications.

Westinghouse has submitted the following reports which document their seismic qualification testing and evaluations on the shunt trip attachments:

- 1) Equipment Qualification Test Report, DB-50 Shunt Trip Attachments and Auto Panels WCAP-8687, Supp. 2-E62B, Revision 1, June, 1985.
- 2) Equipment Qualification Data Package, Auto Shunt Trip Panels and Shunt Trip Attachments for Reactor Trip Switchgear, EQDP-ESE-62B, Rev. 1, June, 1985.

This letter is to confirm that we have reviewed the Westinghouse reports, find them to be acceptable and therefore consider the shunt trip attachment seismically qualified.



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1. The first part of the report is a general statement of the purpose and scope of the study. It is followed by a brief review of the literature on the subject.

2. The second part of the report is a description of the methods used in the study. This includes a discussion of the subjects, the instruments used, and the procedures followed.

3. The third part of the report is a presentation of the results of the study. This is done in the form of a series of tables and graphs, which are accompanied by a detailed discussion of the findings.

4. The fourth part of the report is a discussion of the implications of the findings. This includes a consideration of the theoretical and practical significance of the results.

5. The fifth part of the report is a conclusion. This summarizes the main findings of the study and offers some suggestions for further research.

6. The sixth part of the report is a list of references. This includes a list of the books, articles, and other sources used in the study.

7. The seventh part of the report is an appendix. This contains a list of the names of the subjects who participated in the study.

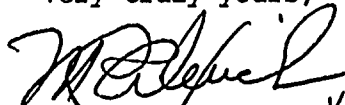
8. The eighth part of the report is a list of tables. This includes a list of the tables and graphs that are presented in the report.

9. The ninth part of the report is a list of figures. This includes a list of the figures that are presented in the report.

The proposed technical specifications for reactor trip breakers will be submitted to you under separate cover in response to the NRC Generic Letter 85-09.

This document has been prepared following Corporate procedures which incorporate a reasonable set of controls to insure its accuracy and completeness prior to signature by the undersigned.

Very truly yours,



M. P. Alexich
Vice President

RBK
9/18/85

cm

cc: John E. Dolan
W. G. Smith, Jr. - Bridgman
G. Bruchmann
R. C. Callen
G. Charnoff
NRC Resident Inspector - Bridgman

1. The first part of the report is a general description of the project and its objectives. It includes a brief history of the project and a statement of the problem being addressed.

2. The second part of the report is a detailed description of the methodology used in the study. It includes a description of the data collection methods, the statistical analysis techniques used, and the results of the analysis.

3. The third part of the report is a discussion of the results of the study. It includes a summary of the findings and a discussion of their implications for the field of study.

4. The fourth part of the report is a conclusion and a list of references. The conclusion summarizes the main findings of the study and provides a final statement on the project. The references list the sources of information used in the study.