

50-315/316



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

See Report

August 12, 1999

Mr. Robert P. Powers, Senior Vice President
Indiana Michigan Power Company
Nuclear Generation Group
500 Circle Drive
Buchanan, MI 49107

SUBJECT: DONALD C. COOK NUCLEAR PLANT, UNITS 1 AND 2 - ISSUANCE OF DRAFT RISK ASSESSMENT

Dear Mr. Powers:

Enclosed are the draft preliminary results of an analysis of the risk significance of issues that were identified at Donald C. Cook Nuclear Plant, Units 1 and 2, between August 1997 and January 1999. The analysis describes the framework used to perform the integrated risk assessment and lists issues that have been identified as having the potential to affect core damage frequency (CDF) and containment performance. The issues are grouped according to whether they impact mitigating functions, initiating events, or containment failure mode.

This analysis is being performed to support our ongoing accident sequence precursor (ASP) analysis program, which evaluates operational events at nuclear power plants to determine risk significance of events or conditions. This analysis is consistent with the new reactor oversight process for analyzing the safety significance of inspection findings.

The analysis methods and results are provided to you for your information. We will be pleased to receive and address any comments that you may have.

The analysis is ongoing, and as parts are completed we will transmit them to you for comment. Our next transmittal (in September 1999) will contain the analyses of the potentially risk-significant issues and the ice condenser issues. Again, we would appreciate any comments.

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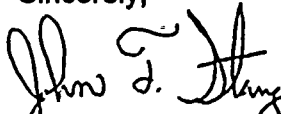
Robert P. Powers

- 2 -

A final report that contains the analyses of all issues is scheduled to be transmitted to you in December of 1999 for review and comment.

Please contact me at 301-415-1345 if you have any questions regarding this letter.

Sincerely,



John F. Stang, Sr. Project Manager, Section 1
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-315 and 50-316

Enclosure: As stated

cc w/encl: See next page

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Original signed by:

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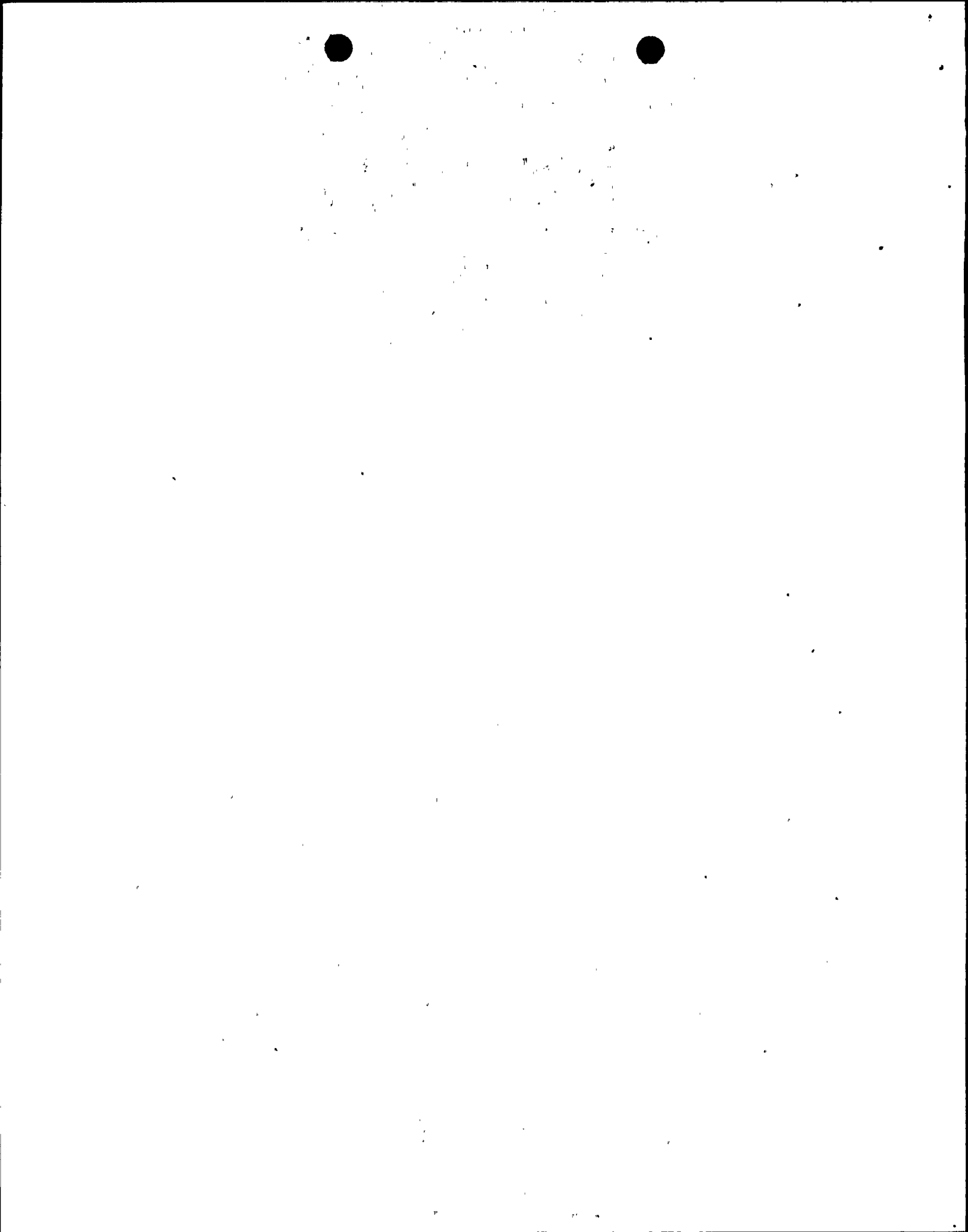
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Robert P. Powers
Indiana Michigan Power Company

Donald C. Cook Nuclear Plant
Units 1 and 2

cc:

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