

SEP 1 7 1981

ંડે

Docket No. 50-220

Mr. Donald P. Dise Vice President - Engineering c/o Niss Catherine R. Seibert Niagara Mohawk Power Corporation 300 Erie Boulevard West Syracuse, New York 13202

Ś

15

Dear Mr. Dise:

SUBJECT: RESOLUTION OF TMI ACTION PLAN ITEM II.K.3.29, "STUDY TO DEMONSTRATE PERFORMANCE OF ISOLATION CONDENSERS WITH NONCONDENSIBLES" - NINE MILE POINT NUCLEAR STATION (UNIT 1)

We have reviewed and evaluated your response to TMI Action Plan Item II.K.3.29. Your commitment to install tube-side vents eliminates the need to demonstrate the adequacy of the design with noncondensible gases present.

Since these vent values are normally part of the reactor coolant boundary, these values will hereafter be considered as part of Item II.B.1, Reactor Coolant System Vents. Their installation is thereby scheduled to be completed by July 1, 1982. Procedures for operator use of the vents are also scheduled to be implemented by July 1, 1982.

A copy of our evaluation is enclosed. Please advise us when the installation of tube-side vents is complete.

Sincerely,

Original Signed by T. A. Ippolito

Thomas A. Ippolito, Chief Operating Reactors Branch #2 Division of Licensing

| | Enclosure: As Stated cc: w/enclosure See next page | | Distribution: Docket File NRC PDR Local PDR ORB#2 Reading D. Eisenhut OELD IE (3) | | P. Polk T. Alexion S. Norris NSIC TERA ACRS (10) Gray File | | | e |
|-----------|---|-------|--|---------------------------|--|------------|----------------|---------------------|
| | | ØY | | | | NA | | |
| OFFICE | ORB#2 | ORB#2 | | ORB#2 WH | ORB#2/1 | ORAB | ORB#2 | |
| SURNAME) | <u>SNOPFIS</u> 9/14/81 | | | <u>TAlexion</u> 9/5/81 | VRooney 9/1 @/81 | DVerrelli. | | |
| 8109 | 240165 8109 | 17 | | | | | <i>3///</i> 01 | |
| | ADDČK 05000 | | | OFFICIAL RECORD COPY | | | | USGPO: 1981-335-960 |



⊧µs, • ≪ 6≩, • s

٩,

and 187 - Antonio Saltin and a subject of a state of a state of the second state of the se

ి ర్యాపారించింది. సినిమాలు స్ట్రాలు స్ట్రాలు కార్ కార్ కార్ స్ట్రాలు స్ట్రాలు స్టార్ స్టార్ స్ట్రాలు స్టారం బాగా కారార్ సెట్ట్రాలు స్ట్రాలు స్ట్రాలు స్ట్రాలు స్ట్రాలు స్ట్రాలు గార్పోట్ట్రాలు ప్రాంత ప్రాంత ప్రాంత కారార్లు సరాయాలు స్ట్రాలు

নি দেশবাৰে উঠা জানালের বিজেপেনা হয়ীৰি হাজে লোগে উঠান সালৱেলৈ প্রেটনিয়ালৈ উঠান সেৱে বিজেপিনা ইনেই নালনী লোগে জানালের বিজেপেনা বেছিল বিজেপেনা সেৱে হাজে বিজেপিনা বিজেপেনা বিজেপিনা নাললৈর বিজেপিয়াল প্রেটা হাজে বিজেপেনা বেছিলে বিজেপেনা বিজেপেনা হাজি বিজেপেনা বিজেপিনা বিজেপেনা বিজেপেনা বিজেপেনা বিজেপেনা বিজেপেনা বেছিলে বিজেপেনা বিজেপিনা বিজেপিনা বিজেপিনা বিজেপেনা বিজেপেনা বিজেপেনা বিজেপেনা বিজেপেনা বিজেপেনা বিজেপেনা বিজেপেনা বিজেপিনা বিজেপিনা বিজেপিনা বিজেপেনা বিজেপেনা বিজেপেনা বিজেপেনা বিজেপিনা বিজেপেনা বিজেপেনা বিজেপিনা বিজেপিনা বিজেপিনা বিজেপেনা বিজেপেনা বিজেপেনা বিজেপেনা বিজেপেনা বিজেপেনা বিজেপেনা বিজেপেনা বিজেপেনা বিজেপিনা বিজেপেনা বিজেপেনা

್ರಾಮ್ಸ್ ಸ್ಟೇಟ್ ಸೇವಿ ಸರ್ಕಾರಿಗೊಳ್ಳು ಬಳಗಳ ಭಾಷೆಯಲ್ಲಿ ಬೇಗಿಕೊಂಡಿಗೆ ಬೇಗಿದ್ದಿದ್ದ ಬಳಗಿ ಮೇಲ್ ಸೇವಿ ವಿಚಿತ್ರವೇ ಬೇಗಲು ಬೆಳೆಗಳು ಕಾರ್ಯಿ ಬೇಗಲ್ ಸೇವಿ ಬ್ರಾಂಗ್ ಸೇವಿ ಬ್ರಾಂಗಿಕೊಳ್ಳುವು

11 WOT22

1

| గ్రామాలు ప్రాగేశ్రావి కుండింది. గ్రామాలు సంసర్థులు ప్రారాష్ట్రావు సహార్థి సంబంద్ కుండుకాడు. | |
|---|--|
| 586687 - 100 586687 - 100 - 10 - 10 - 10 - 10 - 10 - 10 - 1 | ten and ten an |

ి. సి. సారాజు సినిమాలు సినిమా కార్ సినిమాలు సినిమాలు సినిమాలు సినిమాలు సినిమాలు సినిమాలు సినిమాలు సినిమాలు కారు సినిమాలు సినిమాలు సినిమాలు సినిమాలు సినిమాలు సినిమాలు సినిమాలు Mr. Donald P. Dise'

cc: Eugene B. Thomas, Jr., Esquire LeBoeuf, Lamb, Leiby & MacRae 1333 New Hampshire Avenue, N. W. Suite 1100 Washington, D. C. 20036

State University College at Oswego Penfield Library - Documents Oswego, New York 13126

Resident Inspector c/o U.S. NRC P.O. Box 126 Lycoming, New York 13093 • . . , . • . * ,

•

· ·

SAFETY EVALUATION OF NUREG-0737 ITEM II.K.3.29

I. INTRODUCTION

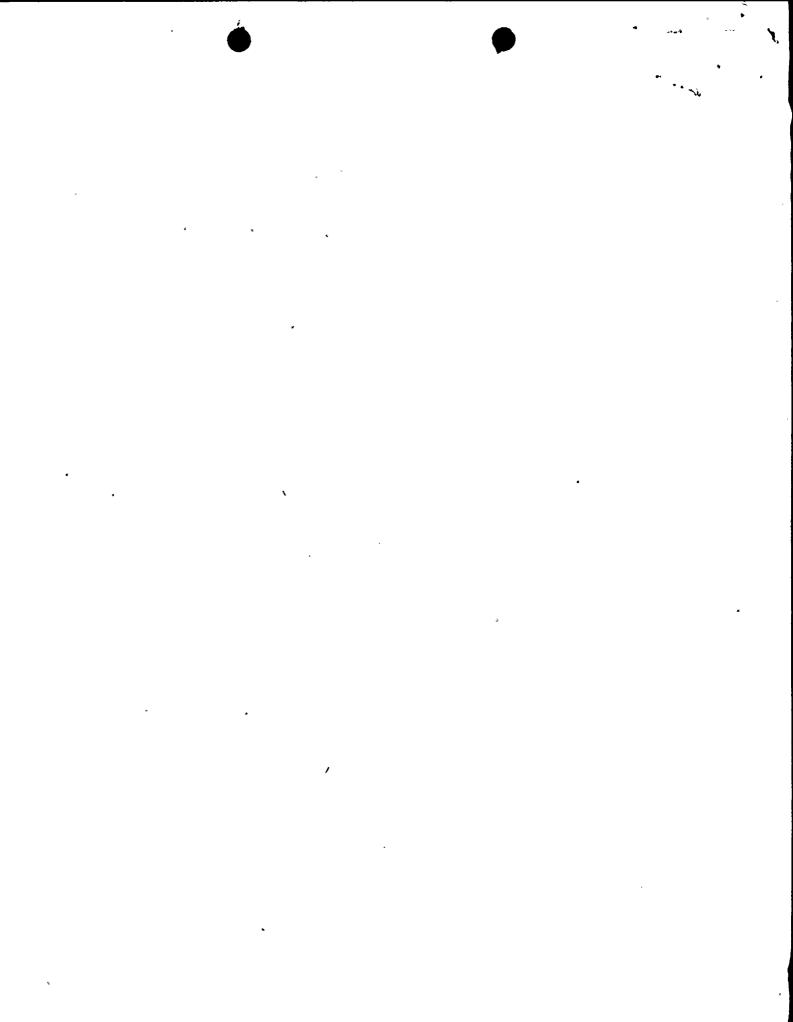
The title of this item is "Study to Demonstrate Performance of Isolation Condensers with Noncondensibles." The position states that the various modes of two-phase-flow natural circulation, including noncondensibles, which may play a significant role in plant response following a small-break loss-of-coolant accident (LOCA), should be demonstrated.

-II. EVALUATION

You have chosen to provide (Reference 1) a means of venting noncondensible gases from the tube (reactor steam) side of the isolation condenser. This venting will preclude operation of the isolation condenser with a significant quantity of noncondensible gas in it. Since isolation condensers are by design two phase flow systems and they have been operated numerous times over a period of many years, their adequacy in the two phase mode has been demonstrated.

III. CONCLUSION

The installation of tube-side, high point vents eliminates the need to demonstrate the adequacy of the design with noncondensible gases present. Thus, item II.K.3.29 is resolved pending licensee's action to install vents on the tube-side of the isolation condenser.



REFERENCES

Letter from G. K. Rhode to D. G. Eisenhut dated November 7, 1980

ÿ

** * * * * * *

.

•

د

•

ĕ

.

:., ,

.

.

•

4

.

.

-·