

PDR

NOV 15 1968

R. C. DeYoung, Acting Chief
Containment & Component Technology Branch
Division of Reactor Licensing

NORTHERN STATES POWER COMPANY (MONTICELLO) DOCKET NO. 50-263
STUB TUBE INCLUSIONS

This memorandum is written in reply to your request for an opinion on the concern about reactor vessel stub tube inclusions for the Monticello facility. H. Thornburg, AEC Chicago Office, Region III, has informed me today, November 14, 1968, that the history of the Inconel stub tube material was obtained from CB&I. Sufficient Inconel was purchased for two vessels, Monticello and Vermont Yankee, and when the inclusions were found the first sorting went to the Monticello vessel. An acceptance standard was developed whereby material was DP tested and accepted to normal DP testing standards.

The results of Dr. Staehle's examination showed the inclusions to be carbon. The Huntington Alloys, the material supplier, said this was not correct and that the tramp material was oxides of nickel and chromium. At this time we do not know what it is.

I am still inquiring into the potential long term influence, if any, of carbon inclusions, but feel that in light of the disagreement about the identity of the tramp material that the applicant's should be requested to perform, or have performed, an independent analysis on some spare material.

May I have your decision.

RT-1072
DRL:C&CTB:LP

L. Forsee
Containment & Component Technology Branch
Division of Reactor Licensing

cc: S. Levine, DRL
L. Forsee, DRL

DISTRIBUTION:
Suppl. ← C&CTB Reading
DRL Reading ADRT Reading

| | | | | | | |
|---------|---------------|--|--|--|--|--|
| OFFICE | DRL:C&CTB | | | | | |
| SUBNAME | L. Forsee:ewe | | | | | |
| DATE | 11-5-68 | | | | | |

9212040476 681115
PDR ADOCK 05000263
A PDR