



**Consumers
Power
Company**

Stephen H. Howell
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December 10, 1979
Howe-310-79

Mr J G Keppler, Regional Director
Office of Inspection and Enforcement
Region III
US Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

MIDLAND NUCLEAR PLANT
UNIT NO 1, DOCKET NO 50-329
UNIT NO 2, DOCKET NO 50-330
IMPACT TESTED - ITT GRINNELL SUPPLIED MAIN FEED PIPE

Reference: S H Howell letters to J G Keppler; Midland Nuclear Plant;
Unit No 1, Docket No 50-329; Unit No 2, Docket No 50-330;
Impact Tested - ITT Grinnell Supplier Main Feed Pipe;

- 1) Serial Howe-175-79, dated June 20, 1979
- 2) Serial Howe-215-79, dated August 1, 1979
- 3) Serial Howe-242-79, dated September 7, 1979
- 4) Serial Howe-275-79, dated October 26, 1979

The referenced letters were interim 50.55(e) reports on the Main Feed Pipe Spools which had questionable impact test results. This letter is the final report.

The Midland Plant is now in conformance in that the pipe spools supplied, or being supplied, for the main feed lines meet the physical impact requirements for the material in accordance with ASME Section III, Class 2, Code Criteria. There is one heat which did not meet the Code requirements for impact properties at a minimum service temperature of 30°F. There is another heat which had a questionable basis for code compliance based on a subsequent heat treatment used to improve impact properties of SA-106 materials. These heats have been shown to meet or exceed the code requirements for a minimum service temperature of 70°F, which is the revised specified temperature for the spools associated with these heats.

For Heat N-32762, there was a single spool which went through a hot bend process and for which impact property tests were taken (at 30°F) after all heat treatment processes were completed. These impact property test

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results were not acceptable. It has been shown that the low test results were not related to the hot-bend process. This spool piece has been scrapped at the vendor and a replacement spool will be provided.

The attachment provides a more complete summary of the actions taken to resolve the reported condition.

Fugh D. Dowell

WRB/lr

Attachment: MCAR-29, Final Report, Dated November 19, 1979

CC: Director of Office of Inspection & Enforcement
Att: Mr Victor Stello, USNRC (15)

Director, Office of Management
Information and Program Control, USNRC (1)

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