

Nebraska Public Power District

GENERAL OFFICE
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NSL8500078

April 30, 1985

Mr. Hugh L. Thompson, Jr., Director
Division of Licensing
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Thompson:

Subject: Response to Generic Letter 84-11 dated April 19, 1984, "Inspections of BWR Stainless Steel Piping"

Reference: 1) Letter from L. G. Kuncel to D. G. Eisenhut dated June 4, 1984, "Response to Generic Letter 84-11 (Inspection of BWR Stainless Steel Piping)"
2) Letter from J. M. Pilant to D. B. Vassallo dated December 13, 1984, "Inconel Nozzle Butter Repair"

In Reference 1, the District responded to Generic Letter 84-11 by listing the stainless steel piping, safe-ends, and piping components which would be replaced during the present outage at Cooper Nuclear Station. As requested by the staff, this letter is written to specifically address item 2 of Generic Letter 84-11 by confirming that all welds in stainless steel piping susceptible to IGSCC are being replaced this outage if 1) the piping is equal to or greater than 4" in diameter, and 2) the systems operate over 200°F, and 3) the piping is part of, or connected to, the Reactor Coolant Pressure Boundary, and 4) the welds are inboard of the second isolation valve.

Additionally, this letter is written to inform the staff that the Inconel Nozzle Buttering Repair Procedure of Reference 2 was utilized on one nozzle during the present outage. An outline and drawing of the repair is attached for your information.

Should you have any questions, please contact my office.

Sincerely,

J. M. Pilant
Technical Staff Manager
Nuclear Group

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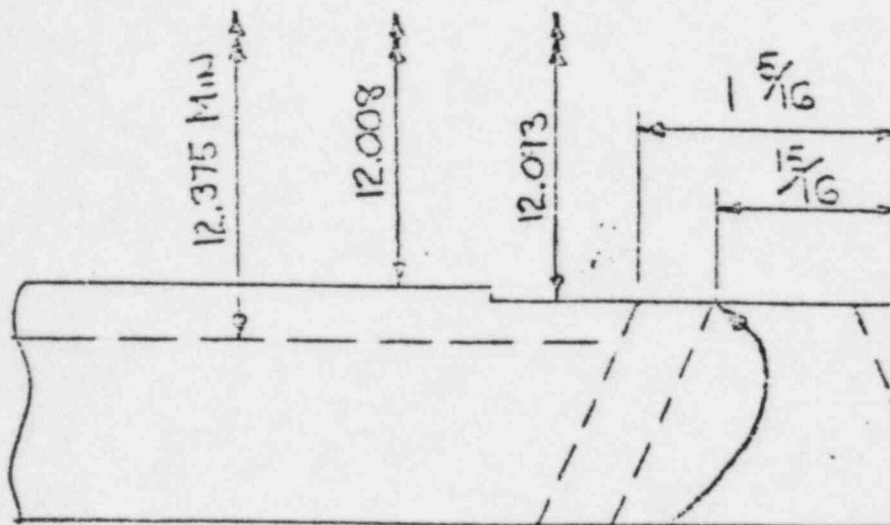
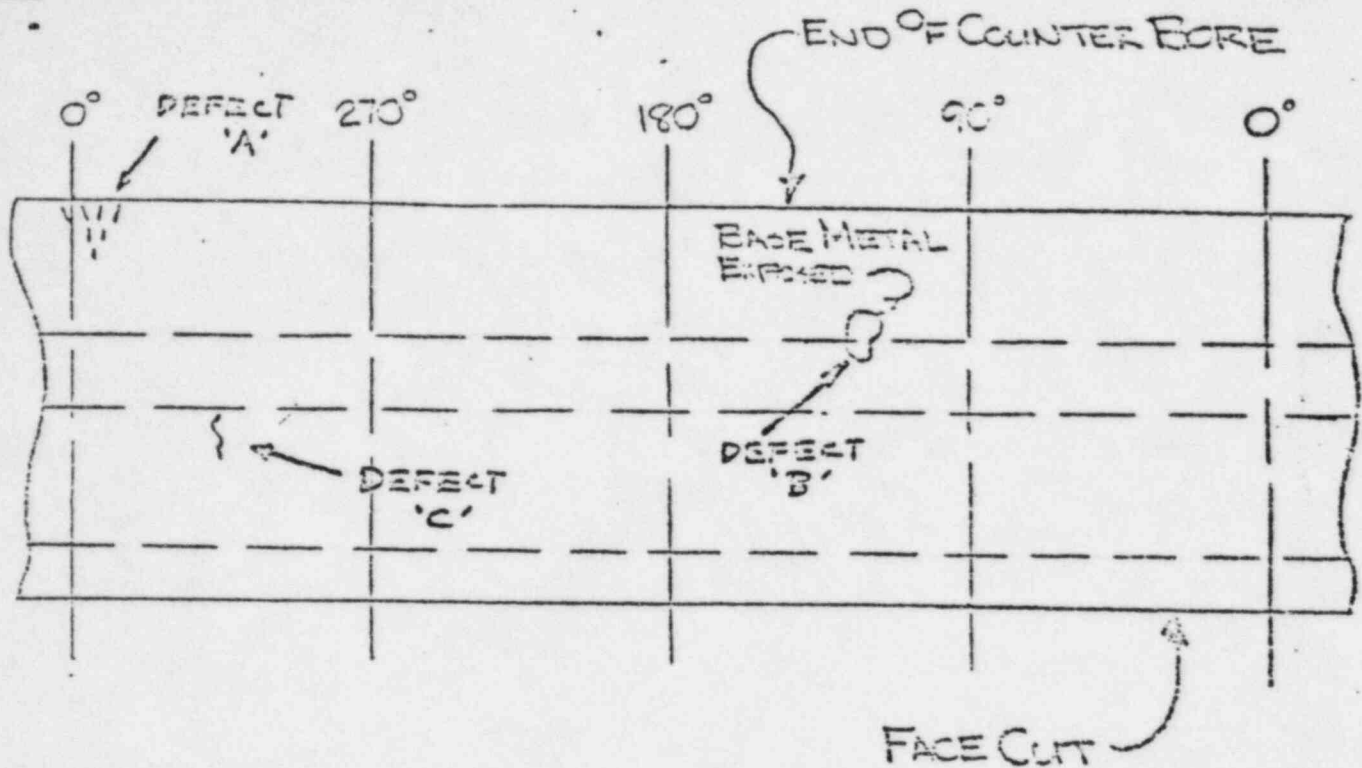
OUTLINE OF REPORT

Nozzle N2E at 150° azimuth

- ° Cutting prep in nozzle bore for corrosion resistant cladding.
- ° Opened PT indications in prep area.
- ° Chased PT indications to base metal (base metal determination by acid etch): area about 1/4" square of base material.
- ° Dressed repair for half bead repair: area opened about 7/8" and 3/8" long.
- ° Installed Cooper heaters.
- ° Preheated nozzle to 300°F.
- ° Performed half bead weld repair (Per ASME Section XI 1983 Code).
- ° Performed post heat at 500°F.
- ° Performed NDE. All results were satisfactory.

Location

N2 @ 150°



STAINLESS IN THIS AREA
INTERMITTENT 30%
PER ACID ETCH

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4LE01-1-R297

CRC COUNTERBORE N2E NOZZLE @ 150° Az.

SUBJECT	PT & ACID ETCH	MADE BY	CHKD BY	REV	Sv	CHARGE NO.
INDICATIONS	CRC	DATE	DATE	REV	Date	SHT 1 OF 1