Nebraska Public Power District
Nebraska's Energy Leader

NLS2002093
December 19, 2002

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555-0001

Subject: Additional Information Related to License Condition 2.C.(6) Seismic Evaluation
Cooper Nuclear Station
NRC Docket No. 50-298, DPR-46

Reference:
1. Letter to U. S. Nuclear Regulatory Commission from D. Wilson (Nebraska Public Power District), dated February 26, 2002, "License Condition 2.C.(6) Seismic Evaluation" (NLS2002014).

2. Letter to U.S. Nuclear Regulatory Commission from D. Wilson (Nebraska Public Power District), dated November 25, 2002, "Design Basis Accident Radiological Assessment Calculation Methodology- Additional Information" (NLS2002135).

The purpose of this letter is two-fold. First, to provide the Nuclear Regulatory Commission (NRC) staff with the final design decisions for configuring the Main Steam Isolation Valve (MSIV) leakage pathway, as committed to in Reference 1. Second, to request a target date for formal NRC acceptance of the License Condition 2.C.(6) seismic evaluation.

The final configuration of the MSIV leakage pathway is as shown on Enclosure 1. This drawing replaces the one provided in Enclosure 1 to Reference 1, and depicts the pathway piping and boundary valves (including those yet to be installed). Reference 1 described two options being pursued to direct the MSIV leakage to the Main Turbine Condenser. The principal underlying purpose for both of those options was to provide assurance that leakage outside of the MSIV leakage pathway boundary via the Turbine Stop Valve shaft leakage area would be minimized, as discussed in Appendix C to NEDC-31858P Revision 2, "BWROG Report for Increasing MSIV Leakage Rate Limits and Elimination of Leakage Control Systems." After due consideration, the Nebraska Public Power District (NPPD) has decided on a better course of action. The cross-sectional leakage area is being reduced by mechanically adjusting the Stop Valve actuator/control shaft positions through use of a special pre-staged tool, applied as a post-Loss of Coolant Accident manual action.

With this submittal, NPPD believes it has satisfied all of the NRC's information needs associated with their review of the License Condition 2.C.(6) seismic evaluation methodology. Notwithstanding NPPD's request in Reference 2 to extend the full implementation of the

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methodology to no later than startup from Refueling Outage 22, NRC approval of the seismic methodology remains a key milestone in going forward with these efforts. Accordingly, NPPD requests the NRC provide their formal approval by February 26, 2003, which marks the one year point from the submittal of Reference 1.

Should you have any questions regarding this matter, please contact Paul V. Fleming at (402) 825-2774.

Sincerely,

Michael T. Coyle
Site Vice President

/wrv

Enclosure

cc: Regional Administrator w/enclosure
Region IV USNRC

Senior Project Manager w/enclosure
USNRC - NRR Project Directorate IV-1

Senior Resident Inspector w/enclosure
USNRC

NPG Distribution w/o enclosure

Records w/enclosure

STATE OF NEBRASKA)
)
NEMAHA COUNTY)

Michael T. Coyle, being first duly sworn, deposes and says that he is an authorized representative of the Nebraska Public Power District, a public corporation and political subdivision of the State of Nebraska; that he is duly authorized to submit this correspondence on behalf of the Nebraska Public Power District; and that the statements contained herein are true to the best of his knowledge and belief.

Michael T. Coyle

Subscribed in my presence and sworn to before me this 19th day of December, 2002.

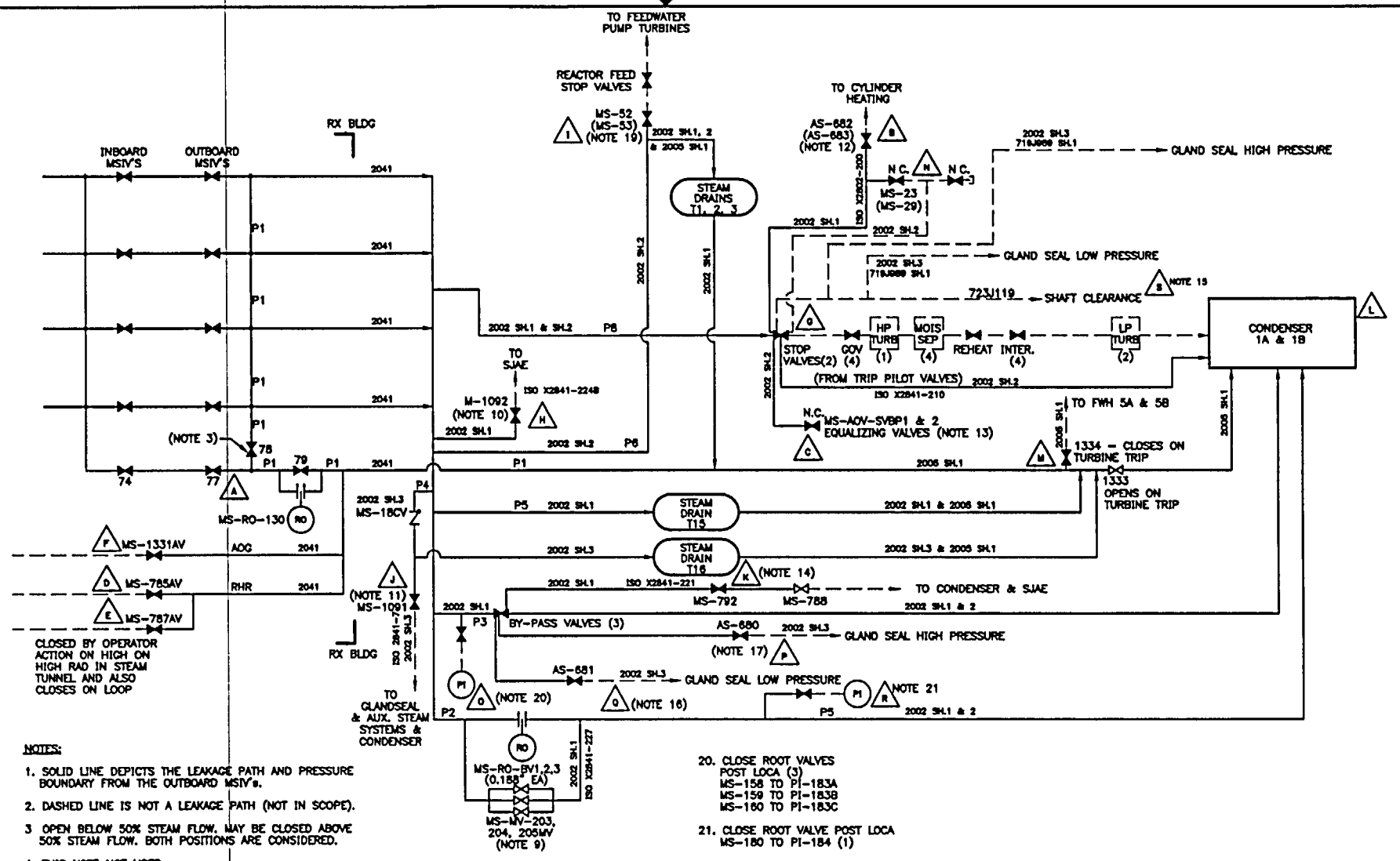
NOTARY PUBLIC

GENERAL NOTARY-State of Nebraska
B. J. SHUBERT
My Comm. Exp. Sept. 15, 2003

ENCLOSURE 1

Leakage Paths From

Outboard MSIVs



NOTES:

1. SOLID LINE DEPICTS THE LEAKAGE PATH AND PRESSURE BOUNDARY FROM THE OUTBOARD MSIV's.
2. DASHED LINE IS NOT A LEAKAGE PATH (NOT IN SCOPE).
3. OPEN BELOW 50% STEAM FLOW. MAY BE CLOSED ABOVE 50% STEAM FLOW. BOTH POSITIONS ARE CONSIDERED.
4. THIS NOTE NOT USED.
5. NOT ALL LINES SHOWN (e.g. INSTRUMENT AND SENSING LINES).
6. FLOW DRAWING NUMBERS SHOWN ON LINE e.g.: 2041
7. POTENTIAL LEAKAGE PATHS SHOWN WITH A "P" DESIGNATION, EXAMPLE: P1.
8. BOUNDARY CONDITIONS SHOWN WITH A LETTER IN A TRIANGLE EXAMPLE: A.
9. NORMALLY CLOSED, OPEN POST-LOCA. (3)
10. ADD NEW 2" VALVE TO CLOSE POST-LOCA. (1)
11. ADD NEW 5" VALVE TO CLOSE POST-LOCA. (1)
12. ADD 2 NEW 1 1/2" VALVES TO CLOSE POST-LOCA. (2)
13. EQUALIZING VALVES NORMALLY CLOSED.
14. CLOSE POST-LOCA. (1)
15. INSTALL AND MANIPULATE SHAFT ADJUSTMENT SYSTEM.
16. ADD NEW 1 1/4" VALVE TO CLOSE POST-LOCA. (1)
17. ADD NEW 4" VALVE TO CLOSE POST-LOCA. (1)
18. VALVES SHOWN IN POST LOCA POSITION.
19. CLOSE POST-LOCA. (2)
20. CLOSE ROOT VALVES POST LOCA (3)
    MS-158 TO PI-183A
    MS-159 TO PI-183B
    MS-160 TO PI-183C
21. CLOSE ROOT VALVE POST LOCA
    MS-160 TO PI-184 (1)

FOR CONSTRUCTION

CADD DRAWING
DO NOT REVISE MANUALLY

REVISIONS
NO.

LEAKAGE PATHS FROM OUTBOARD MSIV's COOPER NUCLEAR STATION

DRAWN RA/KJD 10/16/02
CHECKED RLY 10/16/02
APPROVED TDS 10/28/02
Nebraska Public Power District
CNS-MS-43
REVISION 4
CODE ID. 00443212

ATTACHMENT 3 LIST OF NRC COMMITMENTS

Correspondence No: NLS2002093

The following table identifies those actions committed to by the Nebraska Public Power District (NPPD) in this document. Any other actions discussed in the submittal represent intended or planned actions by NPPD. They are described to the NRC for the NRC's information and are not regulatory commitments. Please notify the NL&S Manager at Cooper Nuclear Station of any questions regarding this document or any associated regulatory commitments.

COMMITMENT	COMMITTED DATE OR OUTAGE
None	N/A