



KANSAS GAS AND ELECTRIC COMPANY

GLENN L. KOESTER  
VICE PRESIDENT - NUCLEAR

February 22, 1985

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

KMLNRC 85-061

Re: Docket No. STN 50-482/OL

- Ref: 1) SLNRC 81-89 dated 9/5/81 from NAPetrick, SNUPPS, to HRDenton, NRC
- 2) SLNRC 81-107 dated 9/18/81 from NAPetrick, SNUPPS, to HRDenton, NRC
- 3) KMLNRC 84-125 dated 7/31/84 from GLKoester, KG&E, to HRDenton, NRC

Subj: Inservice Testing Program for Pumps and Valves

Dear Mr. Denton:

References 1) and 2) transmitted the Wolf Creek and Callaway Inservice Testing (IST) Programs for Pumps and Valves. Reference 3) transmitted an update to the Wolf Creek IST Program for Pumps and Valves. Transmitted herewith is Revision 2 of the Wolf Creek IST Program for Pumps and Valves.

The Revision 2 changes with the basis for each change are listed in Attachment 1 to this letter. The program continues to meet the requirements of Section XI of the ASME Boiler and Pressure Vessel Code, 1980 Edition through Winter 1981 Addenda.

This information is hereby incorporated into the Wolf Creek Generating Station, Unit No. 1, Operating License Application.

Yours very truly,

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Attach  
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CHANGES TO WOLF CREEK GENERATION STATION  
INSERVICE TESTING PROGRAM FOR PUMPS AND VALVES

- ITEM 1: CHANGE: In Appendix B, for valves BB V-122, BB V-152, BB V-182 and BB V-212, add a CVT-C in the TEST RQMT column, and add a Q in the TEST FRE column.
- BASIS FOR CHANGE: Tests and test frequencies were unintentionally omitted from the Program.
- ITEM 2: CHANGE: In Appendix B, change the maximum stroke time (MAX STRK TIME), for opening and closing stroke times, from 12 to 15 for valves EJ HV-8809A, EJ HV-8809B and EJ HV-8840.
- BASIS FOR CHANGE: Final Safety Analysis Report changes.
- ITEM 3: CHANGE: In Appendix B, change the maximum stroke time (MAX STRK TIME), for opening and closing stroke times, from 17 to 18 for valves EJ HV-8811A and EJ HV-8811B.
- BASIS FOR CHANGE: Final Safety Analysis Report changes.
- ITEM 4: CHANGE: In Appendix B, for valves EP 8956A, EP 8956B, EP 8956C and EP 8956D, add a VR-4 to the RELIEF REQUEST column.
- BASIS FOR CHANGE: The relief request number was unintentionally omitted from the Program.
- ITEM 5: CHANGE: In Appendix B, for valve SJ HV-132, add a VR-2 to the RELIEF REQUEST column.
- BASIS FOR CHANGE: The relief request number was unintentionally omitted from the Program.
- ITEM 6: CHANGE: In Appendix B, for valve BM HV-68, add a 5 in the maximum stroke time (MAX STRK TIME) column for the closed stroke test (BT-C).
- BASIS FOR CHANGE: The maximum stroke time was unintentionally omitted from the Program.

CHANGES TO IST PROGRAM FOR PUMPS AND VALVES (CONT.)

- ITEM 7:** CHANGE: In Appendix B, for valves BN HV-3 and BN HV-4 change their maximum stroke times (MAX STRK TIME column) from 60 to 65.
- BASIS FOR CHANGE: Original stroke time was based on the wrong document.
- ITEM 8:** CHANGE: In Appendix B, for valves EG HV-11, EG HV-12, EG HV-13 and EG HV-14, change their maximum stroke times (MAX STRK TIME column) from 30 to 23.
- BASIS FOR CHANGE: Original stroke time was based on the wrong document.
- ITEM 9:** CHANGE: In Appendix B, for valves EG HV-72, EG HV-73, EG HV-74 and EG HV-75, change their maximum stroke times (MAX STRK TIME column) from 30 to 32.
- BASIS FOR CHANGE: Original stroke time was based on the wrong document.
- ITEM 10:** CHANGE: In Appendix B, for valve EF HV-46, change the IST category (IST CAT column) from B to A.
- BASIS FOR CHANGE: Valve was mistakenly categorized as category B.
- ITEM 11:** CHANGE: On the Title Page, add the Month, Day and Year of the Revision under the Revision Number. Also add the following at the bottom of the Title page:

PREPARED BY: \_\_\_\_\_  
Rocky A. Schultz, IST Engineer

REVIEWED BY: \_\_\_\_\_  
C. Michael Estes, Ops Coord-Projects & Planning

APPROVED BY: \_\_\_\_\_  
James A. Zell, Superintendent of Operations

CHANGES TO IST PROGRAM FOR PUMPS AND VALVES (CONT.)

ITEM 11: (Cont.)

BASIS FOR CHANGE: Signatures desirable for identification of preparer, reviewer and approval.

ITEM 12: CHANGE: On the Table of Contents, delete the following:

2.3 IST Data Evaluation

3.3 IST Data Evaluation

BASIS FOR CHANGE: These sections are not part of the IST Program and were unintentionally placed in the Table of Contents.

ITEM 13: CHANGE: On Relief Request PR-8, make the following changes:

Change Paragraph b) under BASIS FOR RELIEF to read:

b) All of the pump tests will be performed with the system lined up in a recirculation flow path or fixed resistance flow path. Therefore, system flow characteristics will be the same for each test.

Change the ALTERNATE TESTING paragraph to read:

Pump suction and discharge pressure will be measured and differential pressure calculated instead of flow rate measurement for the Motor Driven and Turbine Driven Aux. Feedwater Pumps, Boric Acid Transfer Pumps, Centrifugal Charging Pumps and the Emergency Fuel Oil Transfer Pumps.

BASIS FOR CHANGE: The Emergency Fuel Oil Transfer Pumps' flow rate cannot be properly measured.

ITEM 14: CHANGE: In Appendix B for valves AB HV-11, AB HV-14, AB HV-17 and AB HV-20, add a FST in the TEST ROMT. column and add a CS in the TEST FRE column.

BASIS FOR CHANGE: Tests and test frequencies were unintentionally omitted from the Program.

ITEM 15: CHANGE: In Appendix B for valves BB HV-8157A and BB HV-8157B, add a FST in the TEST ROMT. column and add a Q in the TEST FRE column.

BASIS FOR CHANGE: Tests and test frequencies were unintentionally omitted from the Program.

CHANGES TO IST PROGRAM FOR PUMPS AND VALVES (CONT.)

ITEM 16: CHANGE: In Appendix B for valves BG LCV-459 and BG LCV-460, in the REMARKS column, change ( > or = to 1 to > or = to 15.

BASIS FOR CHANGE: The REMARKS column will only contain a certain number of characters.

ITEM 17: CHANGE: In Appendix B, immediately following valve EP HV-8878D, add Valves HV-8879A, HV-8879B, HV-8879C and HV-8879D. In the P&ID COOR column, add G-4 for HV-8879A, add E-4 for HV-8879B, add D-4 for HV-8879C and add C-2 for HV-8879D. Also for these four valves, add a 2 in the ISI CLASS column, add a B in the IST CAT column, add a .8 in the VALVE SIZE column, add a GL in the VALVE TYPE column, add an AO in the ACT TYPE column, add a C in the NORM POS column, add PAS in the TEST ROMT. column and add NA in the TEST FRE column.

BASIS FOR RELIEF: These valves were unintentionally omitted from the Program.

ITEM 18: CHANGE: In Appendix B, immediately following valve SJ HV-13, add valves HV-14, HV-15, HV-16 and HV-17. In the P&ID COOR. column, add G-4 for valves HV-14 and HV-15, and add G-3 for Valves HV-16 and HV-17. Also for these four valves, add a 2 in the ISI CLASS column, add a B in the IST CAT column, add a 1 in the VALVE SIZE column, add a GL in the VALVE TYPE column, add a SO in the ACT TYPE column, add an O in the NORM POS column, add PAS in the TEST ROMT. column, and add NA in the TEST FRE column.

BASIS FOR RELIEF: These valves were unintentionally omitted from the Program.

ITEM 19: CHANGE: In Appendix B, for valve EP HV-8878D, in the VALVE SIZE column, replace the .75 with 1.

BASIS FOR CHANGE: The .75 in the VALVE SIZE column was a typo.

REVISED PAGE LIST FOR WOLF CREEK GENERATING STATION

INSERVICE TESTING PROGRAM FOR PUMPS AND VALVES

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