

R03  
6025

# INFORMATION ONLY

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APPENDIX G  
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CHANGE NO. 2172  
UNIT AFFECTED 182

## INSTRUCTION CHANGE FORM

INSTRUCTION TITLE ESSENTIAL INSTRUMENTATION OPERABILITY VERIFICATION  
 INSTRUCTION NO. SI-604 LATEST REV. DATE Sept. 11, 1987 PAGES AFFECTED 1, 2, 4, 57  
 DESCRIPTION OF CHANGE (ATTACH USQD AND REVISED PAGES) Add Appendix F which identifies skid mounted safety related valves & their normal configuration.  
 BASIS FOR CHANGE (SUCH AS ECN NO., DRAWING NO., VENDOR MANUAL NO., ETC.)  
IDI WALKDOWN FINDINGS & NRC COMMITMENT TO IDENTIFY SAFETY RELATED SENSING LINE VALVES  
 SUBMITTED BY Roswell Schum DATE 11-3-87 SECTION MIG

IS THIS CHANGE PERMANENT?  NO  YES  
 IF NO, MUST INDICATE EXPIRATION DATE  
 NON-PERMANENT EXPIRATION DATE: N/A  
 RESPONSIBLE SECTION SUPERVISOR: CW Latimer (not to exceed 45 days)  
 Approved By CW Latimer Date 11-4-87

SHOULD THIS REVISION AND PERFORMANCE SERVE AS 2YR REVIEW?  YES  NO  
 IF YES, ATTACH A COMPLETED APPENDIX E FROM AI-4.  
 IS THIS CHANGE TO AN SI?  YES  NO IF YES, COMPLETE AND ATTACH AN APPENDIX F FROM SI-1 11-4-87  
APPENDIX F IS NOT REQUIRED PER SI-1 because this is not a tech spec  
 ANI/ANII CONCURRENCE FOR ASME CODE ACTIVITIES N/A  
 Approved By CW Latimer Date 11-4-87  
 Concurring By \_\_\_\_\_ Date \_\_\_\_\_

URGENT NON-INTENT STIF INSTRUCTION CHANGES

TEMPORARY APPROVAL (NON-INTENT ONLY)	MANAGER	DATE
1)		
2)		

(SRO)  
 CHANGE MAY NOW BE IMPLEMENTED (1)  
 MUST HAVE FINAL APPROVAL BY \_\_\_\_\_  
 DATE \_\_\_\_\_ BY \_\_\_\_\_  
 Rejected \_\_\_\_\_ Approved \_\_\_\_\_  
 FINAL APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_  
 1) IOR \_\_\_\_\_  
 2) OR \_\_\_\_\_  
 3) \_\_\_\_\_  
 APP. RESPONSIBLE MANAGER

URGENT STIF INSTRUCTION CHANGES

IOR SECTION	IOR SIGNATURE	DATE REVIEWED
I MAINT	<u>Edwards</u>	<u>11/3/87</u>
QE	<u>Roswell Schum</u>	<u>11/4/87</u>

RESPONSIBLE SECTION SUPERVISOR  
 BY CW Latimer DATE 11-4-87  
 PORC REVIEW (IF STI) (APPROPRIATE RESPONSIBLE MANAGER)  
 PORC DATE \_\_\_\_\_  
 FINAL APPROVAL (APPROPRIATE RESPONSIBLE MANAGER)  
 BY Ray Pittman DATE 11/4/87  
 SE NOTIFIED (REQUIRED IF PLANT CONFIGURATION AFFECTED)  
 BY \_\_\_\_\_ DATE \_\_\_\_\_  
 CHANGE MAY NOW BE IMPLEMENTED (1)

(1) INITIATOR/RESPONSIBLE SECTION SUPERVISOR/APPROPRIATE RESPONSIBLE MANAGER: DETERMINE ADDITIONAL DISTRIBUTION FOR THIS ICF BELOW.

- DOC CONTROL MASTER FILES
- INSTRUCTION WORK PACKAGE
- RESPONSIBLE SECTION SUPERVISOR
- CONTROL ROOM CONTROLLED COPIES

ATTACHMENT 1  
SCREENING REVIEW FORM  
FOR DOCUMENTING APPLICABILITY OF USQD EVALUATION

THIS FORM IS TO BE USED TO PROVIDE A RECORD OF THE REVIEW OF EACH CHANGE TO AN INSTRUCTION, PROCEDURE, RADWASTE SYSTEM OR THE FACILITY AND EACH TEST OR EXPERIMENT PROPOSED TO BE CONSIDERED AT SQN NUCLEAR FACILITY. ADDITIONAL SHEETS MAY BE ATTACHED AS NECESSARY.

PRECAUTION: USE ATTACHMENT 3 WHEN PERFORMING THE SCREENING REVIEW.

DOCUMENT NO. AND REVISION: SI-604 Rev 9  
DESCRIBE CHANGE: Add Appendix F which identifies skid mounted safety related valves & their normal configuration

TYPE OF ACTIVITY (Change, Test, or Experiment)

1. DOES THE PROPOSED CHANGE INVOLVE A CHANGE IN THE FACILITY (OR PLANT OPERATING CHARACTERISTICS) FROM THAT DESCRIBED IN THE FSAR?  
 YES  NO  
 IF YES, A USQD EVALUATION IS REQUIRED.  
 FSAR SECTION RESEARCHED NO CHANGE TO THE FACILITY IS BEING MADE.
2. DOES THE PROPOSED CHANGE INVOLVE NEW PROCEDURES OR INSTRUCTION, OR REVISIONS TO INSTRUCTIONS OR PROCEDURES, THAT ARE DIFFERENT FROM THE PROCEDURES AS DESCRIBED IN THE FSAR OR PLANT TECH SPECS?  
 YES  NO  
 IF YES, A USQD EVALUATION IS REQUIRED.  
 FSAR SECTION RESEARCHED Section 9.4
3. IS THE PROPOSED TEST OR EXPERIMENT DESCRIBED IN THE FSAR OR ANY LICENSE AMENDMENT ISSUED BY THE NRC TO AUTHORIZE THE TEST OR EQUIPMENT?  
 YES  NO 11/3/87  
 IF YES, PROVIDE A REFERENCE TO THE FSAR SECTION OR LICENSE AMENDMENT.  
N/A  
 IF NO, A USQD IS REQUIRED.
4. DOES THE PROPOSED CHANGE INVOLVE A MODIFICATION TO A RADWASTE SYSTEM WHERE THE RADWASTE SYSTEM IS NOT DESCRIBED IN THE FSAR?  
 YES  NO 11/3/87  
 IF YES, A USQD EVALUATION IS REQUIRED.  
 FSAR SECTION RESEARCHED N/A
5. CAN THE CHANGE, OR TEST, OR EXPERIMENT AS DESCRIBED IN THE DOCUMENT BE CONDUCTED OR IMPLEMENTED WITHOUT A CHANGE TO THE TECHNICAL SPECIFICATIONS?  
 YES  NO 11/3/87  
 IF NO, RETURN THE DOCUMENT TO THE ORIGINATOR FOR REVISION, MODIFICATION, OR INITIATION OF A TECHNICAL SPECIFICATION CHANGE.  
 TECH SPEC SECTIONS RESEARCH 3/4.7.7

PREPARER: Russell F. Schum Date 11-3-87

ADDITIONAL JUSTIFICATION/INFORMATION IS REQUIRED  YES  NO  
IF YES, LIST APPROPRIATE REFERENCE DOCUMENTS.

APPROVED BY: [Signature] Date 11-3-87  
TITLE

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1.0 PURPOSE

The purpose of this instruction is to ensure that the essential surveillance instrumentation needed to monitor plant processes during normal operating conditions is verified operable. Operability will be verified by ensuring that all WRs on loop equipment are complete, the power supply for each loop is energized, the proper valve alignment for instrument sensing lines, and that Tech Spec transmitters that cannot be verified operable by a channel check will be backfilled. Operability of loops that can be verified operable by channel checks will be performed by SI 2 and 3.C<sup>1</sup> This procedure takes no credit for satisfying any Technical Specification Surveillance requirements but is a referenced document to GOI-1E and 1F.

Appendix A of this instruction shall be performed each refueling outage immediately prior to entry into Mode 4 or whenever requested by the Operations section. This appendix is a verification that all WRs are completed and the loop power supply is operable.

Appendix B is the checklist for verification of proper alignment of all safety related in-line instrument valves. This checklist shall be performed each refueling outage prior to entry into mode 4 or whenever requested by Operations Section.

Appendix C is a list of Tech Spec transmitters which must be backfilled prior to entry into Mode 3. These transmitters are on nonredundant process instrumentation that cannot be verified operable by a channel check.

Appendix D is a cross reference of Tech Spec transmitter to sensing line backfilling procedure.

2.0 References *Appendix F is a list of safety related skid mounted valves that must be verified for proper configuration. This checklist shall be performed each refueling outage prior to entry into mode 4 or whenever requested by operation section.*

- |      |            |      |                     |
|------|------------|------|---------------------|
| 2.1  | MI-19.1.1  | 2.16 | SI-2                |
| 2.2  | MI-19.1.2  | 2.17 | SI-3                |
| 2.3  | MI-19.1.3  | 2.18 | GOI-1E              |
| 2.4  | MI-19.1.4  | 2.19 | GOI-1F              |
| 2.5  | MI-19.1.5  | 2.20 | CCTS-NCO 87011 4002 |
| 2.6  | MI-19.1.6  | 2.21 | CCTS-NCO 87011 4003 |
| 2.7  | MI-19.1.7  |      |                     |
| 2.8  | MI-19.1.8  |      |                     |
| 2.9  | MI-19.1.9  |      |                     |
| 2.10 | MI-19.1.10 |      |                     |
| 2.11 | MI-19.1.11 |      |                     |
| 2.12 | MI-19.1.12 |      |                     |
| 2.13 | MI-19.1.13 |      |                     |
| 2.14 | MI-19.1.14 |      |                     |
| 2.15 | MI-19.1.15 |      |                     |

3.0 PREREQUISITES

3.1 Notify the SRO and Unit Operator prior to beginning work.

4.0 PRECAUTIONS

- 4.1 Observe all posted radiological control precautions and procedures.

5.0 PROCEDURE

- 5.1 Check the appropriate reason for the test on the data package cover sheet.
- 5.2 Obtain the Senior Reactor Operator's (SRO) approval and signature on the data package cover sheet and notify the UO of the work to be done.

NOTE: Steps 5.3, 5.4<sup>5.5</sup>, and 5.5<sup>6</sup> may be worked out of sequence or simultaneously.

- 5.3 Prior to entry into Mode 4 following a refueling outage or when requested by operations, perform Appendix A according to Steps 5.3.1 through 5.3.3, Appendix B, and document accordingly.

NOTE: "Operable" and "Ready for Service," as used throughout this procedure, imply that a loop voltage check for each instrument loop meets the criteria given in this procedure, or if the criteria is not met, steps are taken to correct the problem and ensure the loop meets the criteria of this procedure. The absence of an orange sticker and work request (WR) are the final criteria which complete the SI's overall available for service requirement.

- 5.3.1 Check and record the Test Point Voltage for each item in Appendix A, and sign on the data sheets as each is completed. The presence of voltage is verification that the power supply is functional. If voltage is not present, evaluate the problem and initiate a WR if necessary to correct the problem.
- 5.3.2 Circle the letter (y=yes, n=no) provided on data sheet to indicate the WR/orange ball status of the listed instrument and associated loop. The SIMF shall evaluate the status of a WR to determine whether it is active or has already been worked.
- 5.3.3 If the instrument loop is determined not to be operable or a WR/orange ball exists on the instrument loop, enter comments in the remarks column reflecting the problem or WR number.

5.0 PROCEDURE (continued)

5.4 Starting from the root valve, verify each valve listed in Appendix B is in the configuration, as shown, and sign on the data sheet as each is completed. If a valve is not in the configuration, as shown, list on the Deficiency Log and contact General Foreman and SRO for disposition. If concurrence is obtained for returning valve to normal configuration, note on Deficiency Log and signoff on data sheet. If concurrence is not obtained, list the work package number controlling the valve configuration on the Deficiency Log.

5.5 Backfill sensing lines for the Tech Spec Transmitters listed in Appendix C in accordance with the appropriate maintenance instruction.C.1

5.6 Verify each valve listed in Appendix F is in the configuration, as shown, and sign on the data sheet as each is completed. If a valve is not in the configuration, as shown, list on \*

6.0 ACCEPTANCE CRITERIA

6.1 "As Found": No as found acceptance criteria exists for this procedure because the instrument loops checked are not required to be operable prior to the performance of this instruction.

6.2 "As Left": All of the instrument loops checked by this procedure must satisfy the criteria given on the data sheets and be operable and ready for service as defined by Step 5.3.

6.3 All in-line instrument valves are left in the configuration as specified in Appendix B. If another in-progress package has control of a valve and the valve cannot be returned to normal configuration, list the package number on the Deficiency Log under disposition.

\* The deficiency log and contact the Senior Instrument Mechanic Foreman and SRO for disposition. If concurrence is obtained for returning valve to normal configuration, note on Deficiency Log & signoff on data sheet. If concurrence is not obtained, list the work package number controlling the valve configuration on the Deficiency Log.

Date \_\_\_\_\_

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<u>INSTRUMENT #</u>	<u>VALVE ID#</u>	<u>CONFIGURATION</u>	<u>VERIFIED BY</u>	<u>VERIFIED BY</u>
<u>MAIN CONTROL ROOM CONDENSING UNIT A-A &amp; B-B -- El. 732' Control Bldg.</u>				
PS-311-126A	O-311-126AZ	Opened	_____	_____
PS-311-126B	O-311-126BZ	Opened	_____	_____
PS-311-141A	O-311-141AZ	Opened	_____	_____
PS-311-141B	O-311-141BZ	Opened	_____	_____
Isolation (on B-B Chiller Pkg.)	O-311-141AY	Opened	_____	_____

<u>ELECTRIC BOARD ROOM CONDENSING UNIT A-A &amp; B-B -- El 669' Control Bldg.</u>				
PS-311-156A	O-311-156AZ	Opened	_____	_____
PS-311-156B	O-311-156BZ	Opened	_____	_____
PS-311-200A	O-311-200AZ	Opened	_____	_____
PS-311-200B	O-311-200BZ	Opened	_____	_____

Performed by \_\_\_\_\_  
Performed by \_\_\_\_\_

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APPENDIX G  
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CHANGE NO. 87-2139  
UNIT AFFECTED 142

## INSTRUCTION CHANGE FORM

INSTRUCTION TITLE ESSENTIAL INSTRUMENTATION OPERABILITY VERIFICATION  
 INSTRUCTION NO. SI-604 LATEST REV. DATE 9/11/87 PAGES AFFECTED 52  
 DESCRIPTION OF CHANGE (ATTACH USQD AND REVISED PAGES) CHANGE REFERENCED BACKFILL PROCEDURE MI-19.X.8 TO MI-19.X.7 FOR Loops FT-3-142, -147, -155, -163 AND -170. ALSO CHANGE FT-3-171 TO FT-3-170.  
 BASIS FOR CHANGE (SUCH AS ECN NO., DRAWING NO., VENDOR MANUAL NO., ETC.) THE REFERENCED BACKFILL PROCEDURE (MI-19.X.8) WAS INCORRECT AND SHOULD BE MI-19.X.7. ALSO Loop FT-3-171 WAS INCORRECTLY IDENTIFIED AND SHOULD BE FT-3-170.  
 SUBMITTED BY FRAN HERON DATE 10/29/87 SECTION INSTR. MAINT.

IS THIS CHANGE PERMANENT?  NO  YES  
 IF NO, MUST INDICATE EXPIRATION DATE \_\_\_\_\_  
 NON-PERMANENT EXPIRATION DATE N/A (not to exceed 45 days)  
 RESPONSIBLE SECTION SUPERVISOR: August L. Jones 10/29/87  
 Approved By \_\_\_\_\_ Date \_\_\_\_\_

SHOULD THIS REVISION AND PERFORMANCE SERVE AS 2YR REVIEW?  YES  NO  
 IF YES, ATTACH A COMPLETED APPENDIX E FROM AI-4.  
 IS THIS CHANGE TO AN SI?  YES  NO IF YES, COMPLETE AND ATTACH AN APPENDIX F FROM 31-1.  
NON-TECH. SPEC. SI  
 Approved By August L. Jones 10/29/87  
 Date \_\_\_\_\_

ANI/ANII CONCURRENCE FOR ASME CODE ACTIVITIES N/A  
 Concurred By \_\_\_\_\_ Date \_\_\_\_\_

URGENT NON-INTENT SITE INSTRUCTION CHANGES

TEMPORARY APPROVAL (NON-INTENT ONLY)	MANAGER	DATE
1)	<u>August L. Jones</u>	<u>10/29/87</u>
2)	<u>Bill [unclear]</u>	<u>10-29-87</u>

CHANGE MAY NOW BE IMPLEMENTED (1)

URGENT SITE INSTRUCTION CHANGES

IQR SECTION	IQR SIGNATURE	DATE REVIEWED

RESPONSIBLE SECTION SUPERVISOR BY \_\_\_\_\_ DATE \_\_\_\_\_  
 PORC REVIEW (IF STI) (APPROPRIATE RESPONSIBLE MANAGER) (IF STI)  
 PORC DATE \_\_\_\_\_ DATE \_\_\_\_\_  
 FINAL APPROVAL (APPROPRIATE RESPONSIBLE MANAGER) BY \_\_\_\_\_ DATE \_\_\_\_\_  
 SE NOTIFIED (REQUIRED IF PLANT CONFIGURATION AFFECTED) BY \_\_\_\_\_ DATE \_\_\_\_\_  
 CHANGE MAY NOW BE IMPLEMENTED (1)

MUST HAVE FINAL APPROVAL BY \_\_\_\_\_ DATE \_\_\_\_\_  
 Rejected \_\_\_\_\_ Approved \_\_\_\_\_  
 FINAL APPROVAL BY \_\_\_\_\_ DATE \_\_\_\_\_  
 1) IQR James L. Schmitt 11/30/87  
 2) QE John [unclear] 11/30/87  
 3) APP. RESPONSIBLE MANAGER Bar [unclear] 11/9/87

(1) INITIATOR/RESPONSIBLE SECTION SUPERVISOR/APPROPRIATE RESPONSIBLE MANAGER: DETERMINE ADDITIONAL DISTRIBUTION FOR THIS ICF BELOW.

- DOC CONTROL MASTER FILES
- INSTRUCTION WORK PACKAGE
- RESPONSIBLE SECTION SUPERVISOR
- CONTROL ROOM CONTROLLED COPIES
- Instr. Eng.

ATTACHMENT 1  
SCREENING REVIEW FORM  
FOR DOCUMENTING APPLICABILITY OF USQD EVALUATION

THIS FORM IS TO BE USED TO PROVIDE A RECORD OF THE REVIEW OF EACH CHANGE TO AN INSTRUCTION, PROCEDURE, RADWASTE SYSTEM OR THE FACILITY AND EACH TEST OR EXPERIMENT PROPOSED TO BE CONSIDERED AT SQM NUCLEAR FACILITY. ADDITIONAL SHEETS MAY BE ATTACHED AS NECESSARY.

PRECAUTION: USE ATTACHMENT 3 WHEN PERFORMING THE SCREENING REVIEW.

DOCUMENT NO. AND REVISION: SI-604 Rev 8  
DESCRIBE CHANGE Correct errors made for instruction  
Number and instrument Number.

TYPE OF ACTIVITY (Change, Test, or Experiment)

1. DOES THE PROPOSED CHANGE INVOLVE A CHANGE IN THE FACILITY ( OR PLANT OPERATING CHARACTERISTICS) FROM THAT DESCRIBED IN THE FSAR?  
YES  NO   
IF YES, A USQD EVALUATION IS REQUIRED. Chapter 7  
FSAR SECTION RESEARCHED \_\_\_\_\_
2. DOES THE PROPOSED CHANGE INVOLVE NEW PROCEDURES OR INSTRUCTION, OR REVISIONS TO INSTRUCTIONS OR PROCEDURES, THAT ARE DIFFERENT FROM THE PROCEDURES AS DESCRIBED IN THE FSAR OR PLANT TECH SPECS?  
YES  NO   
IF YES, A USQD EVALUATION IS REQUIRED. chapter 7  
FSAR SECTION RESEARCHED \_\_\_\_\_
3. IS THE PROPOSED TEST OR EXPERIMENT DESCRIBED IN THE FSAR OR ANY LICENSE AMENDMENT ISSUED BY THE NRC TO AUTHORIZE THE TEST OR EQUIPMENT?  
YES  NO   
IF YES, PROVIDE A REFERENCE TO THE FSAR SECTION OR LICENSE AMENDMENT. NA  
If NO, a USQD is required. \_\_\_\_\_
4. DOES THE PROPOSED CHANGE INVOLVE A MODIFICATION TO A RADWASTE SYSTEM WHERE THE RADWASTE SYSTEM IS NOT DESCRIBED IN THE FSAR?  
YES  NO   
IF YES, A USQD EVALUATION IS REQUIRED. NA  
FSAR SECTION RESEARCHED \_\_\_\_\_
5. CAN THE CHANGE, OR TEST, OR EXPERIMENT AS DESCRIBED IN THE DOCUMENT BE CONDUCTED OR IMPLEMENTED WITHOUT A CHANGE TO THE TECHNICAL SPECIFICATIONS?  YES  NO  
IF NO, RETURN THE DOCUMENT TO THE ORIGINATOR FOR REVISION, MODIFICATION, OR INITIATION OF A TECHNICAL SPECIFICATION CHANGE.

TECH SPEC SECTIONS RESEARCH This procedure does not  
satisfy any Tech Spec. Requirement.

PREPARER: Francis M. Heron Date 10-29-87

ADDITIONAL JUSTIFICATION/INFORMATION IS REQUIRED YES  NO   
IF YES, LIST APPROPRIATE REFERENCE DOCUMENTS. \_\_\_\_\_

APPROVED BY: Ronald Hamney Date 10-27-87  
Inst. Eng.  
TITLE



Unit \_\_\_\_\_

Date: \_\_\_\_\_ Started  
 \_\_\_\_\_ Finished

APPENDIX C  
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NOTE: Under the column "Backfill Procedure" X = 1 for Unit 1 and 2 for Unit 2.  
 Tech Spec transmitters that require sensing line backfilling.

<u>Transmitter Identification</u>	<u>Panel Location</u>	<u>Backfill Procedure</u>	<u>Backfilling Complete Performed By</u>
PT-1-72	L-109	MI-19.X.10	_____
PT-1-73	L-110	MI-19.X.10	_____
FT-63-91C	L-55	MI-19.X.1	_____
FT-63-92C	L-55	MI-19.X.1	_____
PT-68-68	L-360	MI-19.X.15	_____
LT-3-43	L-185	MI-19.X.6	_____
LT-3-56	L-185	MI-19.X.6	_____
LT-3-98	L-185	MI-19.X.6	_____
LT-3-111	L-185	MI-19.X.6	_____
FT-3-142	L-215	MI-19.X.8	_____
FT-3-147	L-217	MI-19.X.8	_____
FT-3-155	L-217	MI-19.X.8	_____
FT-3-163	L-216	MI-19.X.8	_____
FT-3-171	L-216	MI-19.X.8	_____

# INFORMATION ONLY

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APPENDIX G  
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CHANGE NO. 87-2202  
UNIT AFFECTED 142

## INSTRUCTION CHANGE FORM

INSTRUCTION TITLE ESSENTIAL INSTRUMENTATION OPERABILITY VERIFICATION  
 INSTRUCTION NO. SI-604 LATEST REV. DATE 9/11/87 PAGES AFFECTED 42, 48  
 DESCRIPTION OF CHANGE (ATTACH USQD AND REVISED PAGES) changed valve positions for 2-ISIV-67-1026B and 2-ISIV-68-446DA and added ladder requirement for 2-ISIV-68-446DA. Step Numbering change in Appendix A to agree with instructions for PID Control system mistakes  
 BASIS FOR CHANGE (SUCH AS ECN NO., DRAWING NO., VENDOR MANUAL NO., ETC.) valve positions for above mentioned instruments and ladder requirements were incorrect. 2-ISIV-68-446DA is a drain Valve which needs to be closed during operation. 2-ISIV-67-1026B is an instrument isolation valve which needs to be open during operation.  
 SUBMITTED BY FRAN HERON DATE 11/4/87 SECTION INSTR. MAINT.

IS THIS CHANGE PERMANENT?  NO  YES  
 IF NO, MUST INDICATE EXPIRATION DATE  
 NON-PERMANENT EXPIRATION DATE \_\_\_\_\_ (not to exceed 45 days)  
 RESPONSIBLE SECTION SUPERVISOR: C.W. Latona Approved By \_\_\_\_\_ Date 11-6-87

SHOULD THIS REVISION AND PERFORMANCE SERVE AS 2YR REVIEW?  YES  NO  
 IF YES, ATTACH A COMPLETED APPENDIX E FROM AI-4.  
 IS THIS CHANGE TO AN SI? YES IF YES, COMPLETE AND ATTACH AN APPENDIX F FROM SI-1.  
11-6-87 NON TECH. SPEC. SI; No Appendix F required. C.W. Latona 11-6-87  
 Approved By \_\_\_\_\_ Date \_\_\_\_\_

ANI/ANII CONCURRENCE FOR ASME COB ACTIVITIES N/A  
 Concurred By \_\_\_\_\_ Date \_\_\_\_\_

URGENT NON-INTENT SITE INSTRUCTION CHANGES	
TEMPORARY APPROVAL (NON-INTENT ONLY) MANAGER	DATE
1) _____	_____
2) _____	_____
CHANGE MAY NOW BE IMPLEMENTED (1)	
(SRO)	
MUST HAVE FINAL APPROVAL BY _____	
DATE _____	BY _____
Rejected _____	Approved _____
FINAL APPROVAL	
1) IQR _____	DATE _____
2) QE _____	_____
3) _____	_____
APP. RESPONSIBLE MANAGER	

URGENT SITE INSTRUCTION CHANGES		
IQR SECTION	IQR SIGNATURE	DATE REVIEWED
<u>ME</u>	<u>Latona</u>	<u>11-8-87</u>
QE	<u>Latona</u>	<u>11-9-87</u>
RESPONSIBLE SECTION SUPERVISOR BY <u>C.W. Latona</u>		DATE <u>11-10-87</u>
PORC REVIEW (IF STI) (APPROPRIATE RESPONSIBLE PORC DATE _____ (IF STI) _____)		
FINAL APPROVAL (APPROPRIATE RESPONSIBLE MANAGER) BY <u>Latona</u> DATE <u>11/10/87</u>		
SE NOTIFIED (REQUIRED IF PLANT CONFIGURATION AFFECTED)		
BY _____	DATE _____	
CHANGE MAY NOW BE IMPLEMENTED (1)		

(1) INITIATOR/RESPONSIBLE SECTION SUPERVISOR/APPROPRIATE RESPONSIBLE MANAGER: DETERMINE ADDITIONAL DISTRIBUTION FOR THIS ICF BELOW.

- DOC CONTROL MASTER FILES
- INSTRUCTION WORK PACKAGE
- RESPONSIBLE SECTION SUPERVISOR
- CONTROL ROOM CONTROLLED COPIES

ATTACHMENT 1  
SCREENING REVIEW FORM  
FOR DOCUMENTING APPLICABILITY OF USQD EVALUATION

THIS FORM IS TO BE USED TO PROVIDE A RECORD OF THE REVIEW OF EACH CHANGE TO AN INSTRUCTION, PROCEDURE, RADWASTE SYSTEM OR THE FACILITY AND EACH TEST OR EXPERIMENT PROPOSED TO BE CONSIDERED AT SON. ADDITIONAL SHEETS MAY BE ATTACHED AS NECESSARY. JUSTIFICATION IS REQUIRED FOR ALL QUESTIONS WHICH ARE NOT ANSWERED "N/A".

PRECAUTION: USE ATTACHMENT 3 WHEN PERFORMING THE SCREENING REVIEW.

DOCUMENT NO. AND REVISION: (e.g., ECN #, procedure # and revision, special test #)  
SI-604 REV. 8

DESCRIBE PROPOSED CHANGE, TEST, OR EXPERIMENT VALVE POSITIONS OF EQUIP. LISTED WERE INCORRECT. STEP NUMBERING CHANGE IN APP. A TO AGREE WITH INSTRUCTIONS.

TYPE OF ACTIVITY (Change, Test, or Experiment)

1. DOES THE PROPOSED CHANGE INVOLVE A CHANGE IN THE FACILITY ( OR PLANT OPERATING CHARACTERISTICS) FROM THAT DESCRIBED IN THE SAR AND WHICH COULD IMPACT NUCLEAR SAFETY?  
YES  NO  N/A   
IF YES, A USQD EVALUATION IS REQUIRED.  
SAR SECTION RESEARCHED CHAPTER 7  
JUSTIFICATION (AS NECESSARY) \_\_\_\_\_

2. DOES THE PROPOSED CHANGE INVOLVE NEW PROCEDURES OR INSTRUCTIONS, WHICH COULD IMPACT NUCLEAR SAFETY OR REVISIONS TO INSTRUCTIONS OR PROCEDURES, THAT MAKES THEM DIFFERENT FROM THE PROCEDURES AS DESCRIBED IN THE SAR OR PLANT TECH SPECS?  
YES  NO  N/A   
IF YES, A USQD EVALUATION IS REQUIRED.  
SAR SECTION RESEARCHED CHAPTER 7  
JUSTIFICATION (AS NECESSARY) \_\_\_\_\_

3. IS THE PROPOSED TEST OR EXPERIMENT DESCRIBED IN THE SAR OR ANY LICENSE AMENDMENT ISSUED BY THE NRC TO AUTHORIZE THE TEST OR EXPERIMENT? (MARK "NO" ONLY IF THE TEST OR EXPERIMENT COULD IMPACT NUCLEAR SAFETY)  
YES  NO  N/A   
IF YES, PROVIDE A REFERENCE TO THE SAR SECTION OR LICENSE AMENDMENT.  
N/A  
If NO, a USQD is required.  
JUSTIFICATION (AS NECESSARY) \_\_\_\_\_

4. DOES THE PROPOSED CHANGE INVOLVE A MODIFICATION TO A RADWASTE SYSTEM?  
YES  NO   
IF YES, A USQD EVALUATION IS REQUIRED.  
SAR SECTION RESEARCHED N/A

5. IS A CHANGE TO THE TECH SPECS REQUIRED FOR CONDUCTING OR IMPLEMENTING THE CHANGE, OR TEST, OR EXPERIMENT AS DESCRIBED IN THE DOCUMENT? ~~YES~~ YES  NO   
IF YES, RETURN THE DOCUMENT TO THE ORIGINATOR FOR REVISION, MODIFICATION, OR INITIATION OF A TECHNICAL SPECIFICATION CHANGE. PH 11/9/87  
TECH SPEC SECTIONS RESEARCHED THIS PROCEDURE DOES NOT IMPLEMENT ANY TECH. SPEC. REQUIREMENTS.

PREPARED BY: Frank Heron Date 11/8/87

ADDITIONAL JUSTIFICATION/INFORMATION IS REQUIRED YES  NO   
IF YES, LIST APPROPRIATE REFERENCE DOCUMENTS. \_\_\_\_\_

APPROVED BY: Reginald Hanning Date 11-9-87  
Inst. Engr.

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Instrument  
Identification  
and No. \_\_\_\_\_

Steam Gen. Steam Flow:

FI-1-3A  
FI-1-10A  
FI-1-21A  
FI-1-28A  
FI-1-3B  
FI-1-10B  
FI-1-21B  
FI-1-28B

L-182: FR#2 L-183: FR#1

Containment Pressure

PDI-30-42  
PDI-30-43  
PDI-30-44  
PDI-30-45

L-186, L-189, L-133: 701' annulus

5.3.1 <del>3.5.1</del> -Location- Transmitter - Power Supp-TP/(Voltage)	Loop Verified Operable By
L-182 R-3 FP/512B	/
L-182 R-3 FP/522B	/
L-182 R-4 FP/532B	/
L-182 R-4 FP/542B	/
L-183 R-7 FP/513B	/
L-183 R-8 FP/523B	/
L-183 R-7 FP/533B	/
L-183 R-8 FP/543B	/
L-186 R-12 PP/934A	/
L-188 R-11 PP/935A	/
L-189 R-7 PP/936A	/
L-133 R-3 PP/937A	/

5.3.2  
WR Available/  
Orange Ball  
On Instrument

5.3.3  
Remarks

N Y  
N Y  
N Y  
N Y  
N Y  
N Y  
N Y  
N Y  
N Y  
N Y  
N Y  
N Y  
N Y  
N Y  
N Y  
N Y  
N Y  
N Y

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Instrument Identification and No.

Steam Dump Demand  
 XI-1-33

Turbine Implus Pressure  
 PI-1-72  
 PI-1-73

Steam Gen Level Program  
 LI-1-73

L-109: 706' T4-hx/T13-hx  
 L-110: 706' T3-hx/T14-hx

5.3.1 <del>3.5.1</del> -Location- Transmitter - Power Supp-TP/(Voltage)		<del>3.4.3</del> Loop Verified Operable By	
M-4		N/A	
L-109	R-8	PP/506B	/
L-110	R-4	PP/505B	/
M-4			/

5.3.2  
 WR Available/  
 Orange Ball  
 On Instrument

5.3.3  
Remarks

N	Y
N	Y
N	Y
N	Y

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Instrument  
Identification  
and No. \_\_\_\_\_

Steam Generator Level

5.3.1		5.3.1 -Location-		Loop Verified	
Transmitter - Power Supp-TP/(Voltage)				Operable By	
L-185	R-12	LP/517B		/	
L-184	R-11	LP/518B		/	
L-183	R-5	LP/519B		/	
M-4				N/A	
M-4				N/A	
L-185	R-12	LP/527B		/	
L-184	R-11	LP/528B		/	
L-182	R-1	LP/529B		/	
M-4				N/A	
M-4				N/A	
L-185	R-12	LP/537B		/	
L-184	R-11	LP/538B		/	
L-182	R-1	LP/539B		/	
M-4				N/A	
M-4				N/A	

5.3.2  
WR Available/  
Orange Ball  
On Instrument

5.3.3  
Remarks

N	Y
N	Y
N	
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y

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Instrument  
Identification  
and No. \_\_\_\_\_

RCS Pressure:

PR-68-69

PI-68-66

PI-68-66A

Pressurizer Pressure:

PI-68-340A

PI-68-334

PI-68-323

PI-68-322

PR-68-340

Pressurizer Level:

LI-68-339A

LI-68-335A

LI-68-320

LI-68-321

5.3.1 <del>3.5.1</del> -Location- Transmitter - Power Supp-TP/(Voltage)				Loop Verified Operable By	5.3.2 <del>3.5.2</del> WR Available/ Orange Ball On Instrument		5.3.3 <del>3.5.3</del> Remarks
M-5			PP/403A	/	N	Y	
L-340B	R-5		<del>PP/403C</del>	/	N	Y	
L-340B	R-5		PP/403D	/	N	Y	
L-179	R-1		PP/455B	/	N	Y	
L-62	R-5		PP/456B	/	N	Y	
L-63	R-9		PP/457B	/	N	Y	
L-64	R-12		<del>PP</del> TP/458B	/	N	Y	
M-5				N/A	N	Y	
L-179	R-1		LP/459B	/	N	Y	
L-62	R-5		LP/460B	/	N	Y	
L-63	R-9		LP/461B	/	N	Y	
L-62	R-25		LP/462	/	N	Y	

Seal Table/L-62: 693', L-179: 710', inside C.W./L-63: 693' 129° L-64:693' 93°

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Instrument  
Identification  
and No. \_\_\_\_\_

<del>3.5.1</del> <sup>5.3.1</sup> -Location-		Transmitter - Power Supp-TP/(Voltage)		Loop Verified	Operable By
L-226	R-1	FP/414B	_____	/	_____
L-226	R-1	FP/424B	_____	/	_____
L-226	R-1	FP/434B	_____	/	_____
L-226	R-1	FP/444B	_____	/	_____
L-227	R-5	FP/415B	_____	/	_____
L-227	R-5	FP/425B	_____	/	_____
L-227	R-5	FP/435B	_____	/	_____
L-227	R-5	FP/445B	_____	/	_____
L-228	R-9	FP/416B	_____	/	_____
L-228	R-9	FP/426B	_____	/	_____
L-228	R-9	FP/436B	_____	/	_____
L-228	R-9	FP/446B	_____	/	_____

<sup>5.3.2</sup>  
~~3.5.2~~  
WR Available/  
Orange Ball  
On Instrument

<sup>5.3.3</sup>  
~~3.5.3~~  
Remarks

RCS Flow:

FI-68-6A	N	Y
FI-68-29A	N	Y
FI-68-48A	N	Y
FI-68-71A	N	Y
FI-68-6B	N	Y
FI-68-29B	N	Y
FI-68-48B	N	Y
FI-68-71B	N	Y
FI-68-6D	N	Y
FI-68-29D	N	Y
FI-68-48D	N	Y
FI-68-71D	N	Y

L-226, L-227, L-228: Raceway

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Instrument  
Identification  
and No. \_\_\_\_\_

Control Rod Speed:

SI-85-5085  
(SI-412)

Auct. Tavq. and Tref.:

TR-68-2B

RCS Tavq:

TI-68-2E

TI-68-25E

TI-68-44E

TI-68-67E

RCS ΔT:

TR-68-2A

TI-68 7D

TI-68-25D

TI-68-44D

TI-68-67D

5.3.1 <del>3.5.1</del> Location	Loop Verified Operable By	Ensure indication is proper for plant conditions:
M-4	/	
M-5	/	
M-5	/	
M-5	/	
M-5	/	
M-5	/	
M-5	/	
M-5	/	
M-5	/	
M-5	/	
M-5	/	

~~3.5.2~~  
5.3.2.  
WR Available/  
Orange Ball  
On Instrument

N Y

N Y

N Y

N Y

N Y

N Y

N Y

N Y

N Y

N Y

N Y

5.3.3.  
~~3.5.3~~  
Remarks

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Instrument  
 Identification  
 and No. \_\_\_\_\_

RCS Tc and Th:

TR-68-1

TR-68-~~18~~ 24

TR-68-43

TR-68-~~48~~ 65

RCS OPΔT Setpoint:

TI-68-2A

TI-68-25A

TI-68-44A

TI-68-67A

TR-68-2A

RCS OTΔT Setpoint:

TI-68-2B

TI-68-25B

TI-68-44B

5.3.1

~~5.3.1~~ Location

Loop Verified  
 Operable By \_\_\_\_\_

Ensure indication  
 is proper for plant  
 conditions:

M-5

M-5

M-5

M-5

M-5

M-5

M-5

M-5

M-5

M-5

M-5

M-5

~~5.3.2~~  
~~5.3.2~~  
 WR Available/  
 Orange Ball  
 On Instrument

5.3.3  
 Remarks

N Y

N Y

N Y

N Y

N Y

N Y

N Y

N Y

N Y

N Y

N Y

N Y

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Instrument  
 Identification  
 and No. \_\_\_\_\_

Shutdown Bank B: G1

G3 (ZI-85-5039)

C9 (ZI-85-5041)

J13 (ZI-85-5042)

N7 (ZI-85-5044)

Shutdown Bank <sup>B</sup>/<sub>A</sub>: G2

C7 (ZI-85-5045)

G13 (ZI-85-5043)

N9 (ZI-85-5040)

J3 (ZI-85-5038)

Shutdown Bank C: G1

E3 (ZI-85-5046)

C11 (ZI-85-5048)

L13 (ZI-85-5049)

N5 (ZI-85-5047)

Operability check of rod control  
 system is performed by SI-67 in  
 mode 3. Ensure no WRs or orange  
 balls are on instruments.

5.3.2  
 WR Available/  
 Orange Ball  
 On Instrument

5.3.3  
Remarks

N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y

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 Control  
 Shutdown Bank B: G1

5.3.2  
 WR Available/  
 Orange Ball  
 On Instrument

5.3.3  
 Remarks

F2 (ZI-85-5005)  
 B10 (ZI-85-5007)  
 K14 (ZI-85-5008)  
 P6 (ZI-85-5006)  
 Control Bank B: G2  
 B6 (ZI-85-5010)  
 F14 (ZI-85-5012)  
 P  
 f10 (ZI-85-5011)  
 K2 (ZI-85-5009)  
 Control Bank C: G1  
 H2 (ZI-85-5013)  
 B8 (ZI-85-5015)  
 H14 (ZI-85-5016)  
 P8 (ZI-85-5014)

Operability check of rod control  
 system is performed by SI-67 in  
 mode 3. Ensure no WRs or orange  
 balls are on instruments.

N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y

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Instrument  
Identification  
and No. \_\_\_\_\_

~~Shutdown~~ Control  
Bank C: G2

F6 (ZI-85-5018)

F10 (ZI-85-5020)

K10 (ZI-85-5019)

K6 (ZI-85-5017)

Control Bank D: G1

D4 (ZI-85-5022)

D12 (ZI-85-5024)

M12 (ZI-85-5023)

M4 (ZI-85-5021)

Operability check of rod control  
system is performed by SI-67 in  
mode 3. Ensure no WRs or orange  
balls are on instruments.

5.3.2  
WR Available/  
Orange Ball  
On Instrument

5.3.3  
Remarks

N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y
N	Y

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Mode \_\_\_\_\_

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Instrument  
Identification  
and No. \_\_\_\_\_  
Control  
Shutdown Bank D: G2

H4 (ZI-85-5024)

D8 (ZI-85-5028)

H12 (ZI-85-5029)

H8 (ZI-85-5026)

H8 (ZI-85-5027)

Operability check of rod control  
system is performed by SI-67 in  
mode 3. Ensure no WRs or orange  
balls are on instruments.

5.3.2  
WR Available/  
Orange Ball  
On Instrument

5.3.3  
Remarks

N	Y
N	Y
N	Y
N	Y
N	Y

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ROOT VALVE	INSTR. UNID	*LADDER	VALVE ID	CONFIG.	VERIFIED	VERIFIED
2-067-1019	2-PDIS-67-491A/B	N	2-VTIV-67-1019A	CLOSED		
	2-PDIS-67-491C/D	N	2-ISIV-67-1019B	OPENED		
	2-PDIS-67-491E/F	N	2-ISIV-67-1019C	OPENED		
	2-PDIS-67-491A	N	2-ISIV-67-1019D	OPENED		
		N	2-ISIV-67-1019E	OPENED		
2-067-1020	2-PDIS-067-491E/F	N	2-VTIV-67-1020A	CLOSED		
		N	2-ISIV-67-1020B	OPENED		
		N	2-ISIV-67-1020C	OPENED		
2-067-1021	2-PDIS-067-491C/D	N	2-VTIV-67-1021A	CLOSED		
		N	2-ISIV-67-1021B	OPENED		
2-067-1022	2-PDIS-067-491A/B	N	2-VTIV-67-1022A	CLOSED		
		N	2-ISIV-67-1022B	OPENED		
2-067-1023	2-PDIS-067-490A/B	Y	2-VTIV-67-1023A	CLOSED		
	2-PDIS-067-490C/D	N	2-ISIV-67-1023B	OPENED		
	2-PDIS-067-490E/F	N	2-ISIV-67-1023C	OPENED		
	2-PI-067-490A	N	2-ISIV-67-1023D	OPENED		
		N	2-ISIV-67-1023E	OPENED		
2-067-1024	2-PDIS-067-490E/F	Y	2-VTIV-67-1024A	CLOSED		
		N	2-ISIV-67-1024B	OPENED		
		N	2-ISIV-67-1024C	OPENED		
2-067-1025	2-PDIS-067-490C/D	Y	2-VTIV-67-1025A	CLOSED		
		N	2-ISIV-67-1025B	OPENED		
2-067-1026	2-PDIS-067-490A/B	Y	2-VTIV-67-1026A	CLOSED		
		N	2-ISIV-67-1026B	OPEN - CLOSED		

\*Is ladder required? Yes (Y) or No (N)

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ROOT VALVE	INSTR. UNID	*LADDER	VALVE ID	CONFIG.	VERIFIED	VERIFIED
2-068-445A	2-LT-068-325C 2-LT-068-326C 2-LT-068-339	N	2-ISIV-68-445B	OPENED		
		N	2-ISIV-68-445C	OPENED		
		N	2-ISIV-68-445D	OPENED		
		N	2-EQIV-68-445E	CLOSED		
2-068-446A	2-LT-068-325C 2-LT-068-326C 2-LT-068-339 2-LT-068-336C 2-LT-068-337C 2-LT-068-340	Y	2-ISIV-68-446B	OPENED		
		N	2-ISIV-68-446C	OPENED		
		N	2-ISIV-68-446D	OPENED		
		N	2-ISIV-68-446E	OPENED		
		N	2-ISIV-68-446F	OPENED		
		N	2-ISIV-68-446G	OPENED		
		N	2-EQIV-68-446H	CLOSED		
		Y	2-ISIV-68-446J	OPENED		
		<del>N</del> Y	2-ISIV-68-446DA	<del>OPENED</del>		
		Y	2-DRIV-68-446DB	CLOSED		
		Y	2-DRIV-68-446DH	CLOSED		
N	2-DRIV-68-446DJ	CLOSED				
2-068-575	2-LT-068-335	N	2-ISIV-68-575B	OPENED		
		N	2-EQIV-68-575C	CLOSED		
		N	2-ISIV-68-575D	OPENED		
		N	2-DRIV-68-575DA	CLOSED		
		N	2-DRIV-68-575DB	CLOSED		

\*Is ladder required? Yes (Y) or No (N)

0263R/pr

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