

MANDATORY IN-HAND PROCEDURE

Rev. 6

APR 01 1982

APPENDIX B TEST AREA LISTING FOR UNIT 1

8507120122 850412
PDR FOIA
REYTB LAB5-136 PDR

0032T
0054A

FOIA-85-136
B/1

MANDATORY IN-HAND PROCEDURE

ISS 12.6.10e
Rev. 5

APR 01 1982

TEST AREA 1

Valve to be tested: 1MOV-CS0003

Test Procedure: The test air connection is a capped end 1/2" diameter vertical pipe near the ceiling. The volume being tested is sufficiently large that it must be pressurized directly with supply air. It should be noted that an R key is required for entry into the pump room and that valves LCS0038, LCS0037, and LCS0039 are chained and locked. To adjust their position a B man with a padlock key will be required.

The valve alignment procedure is as follows. Have 1MOV-CS0003 and 1MOV-CS0002 closed from control room then close LCS0037, and open valve LCS0038. Uncap test tap and slowly open LCS0039 while watching out for any caustic liquid spray emerging from uncapped tap opening. Allow approximately 10 minutes for liquid to drain from line. Close LCS0038 and proceed with standard C-type leak rate test as described in procedure. When finished return all valves affected to positions found in, or as directed by shift engineer.

MANDATORY IN-RAND PROCEDURE

Rev. 3
APR 01 1982

VALVE POSITION TABLE

Valves Affected By Test	Initial Valve Position	Position Found In	Test Position	Final Position	Plant Location
1CS0039	Closed		Open		560' Aux Cont Spray Pp Rm (1-A)
1MOV-CS0002	Closed		Closed		560' Aux Cont Spray Pp Rm (1-A)
1MOV-CS0003	Closed		Closed		560' Aux Cont Spray Pp Rm (1-A)
1CS0037	Closed		Closed		560' Aux Cont Spray Pp Rm (1-A)
1CS0038	Closed		Closed		560' Aux Cont Spray Pp Rm (1-A)

Reference drawing M44

APR 17 1964

RESULTS

DATE: _____

System test pressure: _____ psig

Initial test tank pressure: _____ psig

Initial test tank temperature: _____ °F

Final test tank pressure: _____ psig

Final test tank temperature: _____ °F

*Leak rate: _____ SCFH

Duration of test: _____ min.

REQUIRED ONLY IF CONTROL
VOLUME METHOD IS USED.

Initial: _____

MANDATORY IN-HAND PROCEDURE

ISS 15.6.10e
Rev. 4
APR 01 1982

TEST AREA 2

Valve to be tested: 1MOV-CS0005

Test Procedure: The test air connection is a capped end 1/2" diameter vertical pipe near the ceiling. The volume being tested is sufficiently large that it must be pressurized directly with supply air. It should be noted that an R key is required for entry into the pump room and that valves LCS0040, LCS0041, and LCS0042 are chained and locked. To adjust their position a B man with a padlock key will be required.

The valve alignment procedure is as follows. Have 1MOV-CS0005 and 1MOV-CS0004 closed from control room then close LCS0040, and open valve LCS0041. Uncap test tap and slowly open LCS0042 while watching out for any caustic liquid spray emerging from uncapped tap opening. Allow approximately 10 minutes for liquid to drain from line. Close LCS0041 and proceed with standard C-type leak rate test as described in proceeding. When finished return all valves affected to positions found in or as directed by shift engineer.

MANDATORY IN-HAND PROCEDURE

REV. 2
APR 01 1982

VALVE POSITION TABLE

Valves Affected By Test	Valve Position	Position Found In	Test Position	Final Position	Plant Location
1MOV-CS0005	Closed		Closed		560' Aux Cont Spray Pp Rm (1-A)
1CS0042	Closed		Open		560' Aux Cont Spray Pp Rm (1-A)
1MOV-CS0004	Closed		Closed		560' Aux Cont Spray Pp Rm (1-A)
1CS0040	Closed		Closed		560' Aux Cont Spray Pp Rm (1-A)
1CS0041	Closed		Closed		560' Aux Cont Spray Pp Rm (1-A)

Reference drawing M44

APR 17 1964

RESULTS

DATE: _____

System test pressure: _____ psig

Initial test tank pressure: _____ psig

Initial test tank temperature: _____ °F

Final test tank pressure: _____ psig

Final test tank temperature: _____ °F

*Leak rate: _____ SCFH

Duration of test: _____ min.

REQUIRED ONLY IF CONTROL
VOLUME METHOD IS USED.

Initial: _____

MANDATORY IN-HAND PROCEDURE

REV. 3

APR 01 1982

TEST AREA 3

Valve to be tested: 1MOV-CS0007

Test Procedure: The test air connection is a capped end 1/2" diameter vertical pipe near the ceiling. The volume being tested is sufficiently large that it must be pressurized directly with supply air. It should be noted that an R key is required for entry into the pump room and that valves LCS0045, LCS0043, and LCS0044 are chained and locked. To adjust their position a B man with a padlock key will be required.

The valve alignment procedure is as follows. Have 1MOV-CS0007 and 1MOV-CS0006 closed from control room then close LCS0043, and open valve LCS0044. Uncap test tap and slowly open LCS0045 while watching for any caustic liquid spray emerging from uncapped tap opening. Allow approximately 10 minutes for liquid to drain from line. Close LCS0044 and proceed with standard C-type leak rate test as described in procedure. When finished return all valves affected to positions found in, or as directed by shift engineer.

MANDATORY IN-RAND PROCEDURE

Rev. 2
APR 01 1982

VALVE POSITION TABLE

Valves Affected By Test	Initial Valve Position	Position Found In	Test Position	Final Position	Plant Location
1MOV-CS0007	Closed		Closed		560' Aux Cont Spray Pp Rm (1-A)
1CS0045	Closed		Open		560' Aux Cont Spray Pp Rm (1-A)
1MOV-CS0006	Closed		Closed		560' Aux Cont Spray Pp Rm (1-A)
1CS0043	Closed		Closed		560' Aux Cont Spray Pp Rm (1-A)
1CS0044	Closed		Closed		560' Aux Cont Spray Pp Rm (1-A)

Reference drawing M44

RESULTS

DATE: _____

System test pressure: _____ psig

Initial test tank pressure: _____ psig

Initial test tank temperature: _____ °F

Final test tank pressure: _____ psig

Final test tank temperature: _____ °F

*Leak rate: _____ SCFH

Duration of test: _____ min.

REQUIRED ONLY IF CONTROL
VOLUME METHOD IS USED.

Initial: _____

MALDATORY IN-HAND PROCEDURE

Rev. 2

APR 01 1982

TEST AREA 4

Valve to be tested: 1PR0030

Test Procedure:

Prior to test, have mechanical maintenance block open check valve PR0029. Notify control room of test so that containment area sampling blower can be shut down. Verify that blower is shut down and align valves as specified in valve position table. Pressurize line through 1" thread end in containment right near P-44 and perform standard Type C leak rate test as specified in procedure. When finished, have mechanical maintenance restore check valve to working order, realign valves to the positions in which they were found and then have blower restarted, or as directed by shift engineer.

MANDATORY IN-HAND PROCEDURE

REV. 2
APR 01 1982

VALVE POSITION TABLE

Valves Affected By Test	Initial Valve Position	Position Found In	Test Position	Final Position	Plant Location
1PR0030	Closed		Closed		Aux bldg vent pipe chase near P44
1PR0029	Normal		Open		Cont 598' by P44

Reference drawing M70

APR 17 1984

RESULTS

DATE: _____

System test pressure: _____ psig

Initial test tank pressure: _____ psig

Initial test tank temperature: _____ °F

Final test tank pressure: _____ psig

Final test tank temperature: _____ °F

*Leak rate: _____ SCFH

Duration of test: _____ min.

REQUIRED ONLY IF CONTROL
VOLUME METHOD IS USED.

Initial: _____

MANDATORY IN-HAND PROCEDURE

REV. 4
APR 1 1982

TEST AREA 5

Valve to be tested: 1PRO029

Test Procedure:

Notify control room of test so that containment area sampling blower can be shut down. Verify that blower is shut down and align valves as specified in valve position table. Pressurize line through 1" threaded end in containment right near P-44 and perform standard type C leak rate test as specified in procedure. When finished, realign valves to the positions in which they were found and then have blower restarted, or as directed by shift engineer.

MANDATORY IN-HAND PROCEDURE

Rev. 2
APR 01 1992

VALVE POSITION TABLE

Valves Affected By Test	Initial Valve Position	Position Found In	Test Position	Final Position	Plant Location
1PR0029	Normal		Normal		Cont 598' by P44
1PR0030	Closed		Open		Aux Bldg vert pipe chase 598' by P44

Reference drawing M70

APR 17 1964

RESULTS

DATE: _____

System test pressure: _____ psig

Initial test tank pressure: _____ psig

Initial test tank temperature: _____ °F

Final test tank pressure: _____ psig

Final test tank temperature: _____ °F

*Leak rate: _____ SCFH

Duration of test: _____ min.

REQUIRED ONLY IF CONTROL
VOLUME METHOD IS USED.

Initial: _____

MANDATORY IR-HAND PROCEDURE

Rev. 2
APR 01 1982

TEST AREA 6

Valves to be tested: 1AOV-RV0001 and 1AOV-RV0002

Test Procedure:

Have both 1AOV-RV0001 and 1AOV-RV0002 closed from the control room before starting this test. The test tap is a 3/8" threaded pipe end located in containment on the 617 level almost under the valve opening. The test tap is located amongst a cluster of PP lines and valves. Before opening the test tap valve, the line going between the two valves being tested must be isolated by closing the appropriate PP valves. This can be done visually. Then open test tap valve, the volume may already be somewhat pressurized, this air can be used for the test. Pressurize directly from a service air supply while monitoring volume pressure. When 47 psig is reached, perform standard C type leak rate test as described in procedure. At end of test, depressurize volume by having control room open AOV-RV0001 and 1AOV-RV0002. Then return all PP valves and test tap valve to original positions or as directed by shift engineer.

MANDATORY IN-HAND PROCEDURE

Rev. 2

APR 01 1982

VALVE POSITION TABLE

Valves Affected By Test	Initial Valve Position	Position Found In	Test Position	Final Position	Plant Location
1ADV-RV0002	Closed		Closed		Operator controlled
1ADV-RV0001	Closed		Closed		Operator controlled
Test valve	Closed		Open		Cont 617'

Reference drawing M537

RESULTS

DATE: _____

System test pressure: _____ psig

Initial test tank pressure: _____ psig

Initial test tank temperature: _____ °F

Final test tank pressure: _____ psig

Final test tank temperature: _____ °F

*Leak rate: _____ SCFH

Duration of test: _____ min.

REQUIRED ONLY IF CONTROL
VOLUME METHOD IS USED.

Initial: _____

MANDATORY IN-HAND PROCEDURE

REV. 2
APR 01 1982

TEST AREA 7

Valves to be tested: 1AOV-RV0003 and 1AOV-RV0004

Test Procedure:

Have both 1AOV-RV0003 and 1AOV-RV0004 closed from the control room before starting this test. The test tap is a 3/8" threaded pipe end located in containment on the 617 level almost under the valve opening. The test tap is located amongst a cluster of PP lines and valves. Before opening the test tap valve, the line going between the two valves being tested must be isolated by closing the appropriate PP valves. This can be done visually. Then open test tap valve, the volume may already be somewhat pressurized, this air can be used for the test. Pressurize directly from a service air supply while monitoring volume pressure. When 47 psig is reached, perform standard C type leak rate test as described in procedure. At end of test, depressurize volume by having control room open AOV-RV0003 and 1AOV-RV0004. Then return all PP valves and test tap valve to original positions or as directed by shift engineer.

MANDATORY IN-RAND PROCEDURE

REV. 2

APR 1 1982

VALVE POSITION TABLE

Valves Affected By Test	Initial Valve Position	Position Found In	Test Position	Final Position	Plant Location
1AOV-RV0004	Closed		Closed		Operator controlled
1AOV-RV0003	Closed		Closed		Operator controlled
Test valve	Closed		Open		Cont 617' near personnel hatch

Reference drawing M537

RESULTS

DATE: _____

System test pressure: _____ psig

Initial test tank pressure: _____ psig

Initial test tank temperature: _____ °F

Final test tank pressure: _____ psig

Final test tank temperature: _____ °F

*Leak rate: _____ SCFH

Duration of test: _____ min.

REQUIRED ONLY IF CONTROL
VOLUME METHOD IS USED.

Initial: _____

MANDATORY IN-HAND PROCEDURE

TEST AREA 8

TSS 15.6.10e
Rev. 5
JUN 01 1983

Valve to be tested: 1AOV-RC8033

Test procedure:

Close 1RC8045 and 1NT9333 vent system by opening 1RC0028 and 1RC0027. Have 1AOV-RC8033 closed from control room. Using test tap off 1RC0027, do standard Type C leak rate test as described in procedure. When finished, vent line through test tap and return all valves to initial condition or as directed by Shift Engineer. Replace all caps on vent & drains that were removed.

MANDATORY IN-HAND PROCEDURE

TSS 15.6.10e
Rev. 5
JUN 01 1983

VALVE POSITION TABLE

Valves Affected By Test	Initial Valve Position	Position Found In	Test Position	Final Position	Plant Location
1AOV-RC8033	Open		Closed		
1RC8045	Open		Closed		
1NT9333	Opened		Closed		
1RC0028	Closed		Open		
1RC0027	Closed		Open		

Reference drawings M-53

APR 17 1984

RESULTS

DATE: _____

System test pressure: _____ psig

Initial test tank pressure: _____ psig

Initial test tank temperature: _____ °F

Final test tank pressure: _____ psig

Final test tank temperature: _____ °F

*Leak rate: _____ SCFH

Duration of test: _____ min.

REQUIRED ONLY IF CONTROL
VOLUME METHOD IS USED.

Initial: _____

MANDATORY IN-HAND PROCEDURE

REV. 2
APR 01 1982

TEST AREA 9

Valve to be tested: 1DT9157

Test procedure:

Close 1NT9335, 1DT9160B, 1DT9160A, 1DT9157, break sensing line on valve 1NT9320, and vent line. Then close 1NT9320 and pressurize line through break on sensing line near valve 1NT9320. Perform standard C type leak rate test as described in procedure. After test vent line, reconnect sensing line and reset all valves to their original positions, or return as directed by shift engineer.

MANDATORY IN-HAND PROCEDURE

TSS 15.6.10e
Rev. 3
FEB 18 1983

VALVE POSITION TABLE

Valves Affected By Test	Initial Valve Position	Position Found In	Test Position	Final Position	Plant Location
1DT 9157	Closed		Closed		Vertical pipe chase P-14
1DT 9160A	Open		Closed		Vertical pipe chase P-14
1DT 9160B	Open		Closed		Vertical pipe chase P-14
1NT 9320	Open		Closed		Aux Bldg 560' S end near N ₂ bottles
1NT 9335	Open		Closed		Aux Bldg 560' S end near N ₂ bottles

Reference drawings M86, M87

RESULTS

DATE: _____

System test pressure: _____ psig

Initial test tank pressure: _____ psig

Initial test tank temperature: _____ °F

Final test tank pressure: _____ psig

Final test tank temperature: _____ °F

*Leak rate: _____ SCFH

Duration of test: _____ min.

REQUIRED ONLY IF CONTROL
VOLUME METHOD IS USED.

Initial: _____

MANDATORY IN-HAND PROCEDURE

APR 01 1982

TEST AREA 10

Valves to be tested: ISOV-PR25A, ISOV-PR26A, ISOV-PR25D, ISOV-PR26D,
ISOV-PR25B, ISOV-PR26B, ISOV-PR25C, ISOV-PR26C

Test procedure:

Align all valves for test as specified in valve position table. Pressurize system through 1/2" open threaded end and perform standard type C leak rate test as specified in procedure. When test completed, vent system through test tap and realign valves to position found in, or as specified by shift engineer.

MANDATORY IN-HAND PROCEDURE

TSS 15.6.10e
Rev. 3
FEB 18 1993

VALVE POSITION TABLE

For testing 1SOV-PR25A

Valves Affected By Test	Initial Valve Position	Position Found In	Test Position	Final Position	Plant Location
1SOV-PR25A	Closed		Closed		Vert pipe chase near P15
1SOV-PR26A	Closed		Open		Vert pipe chase near P15
1PR0062	Open		Closed		592' Aux
1PR0015	Closed		Closed		592' Aux
1PR0017	Closed		Open		592' Aux
1PP0086	Closed		Closed		Vert pipe chase 601'
1PR0001	Closed		Open		592' Aux
1PR0030	Open		Open		Vert pipe chase near P44

Reference drawings M70-1, M70-2

RESULTS

DATE: _____

System test pressure: _____ psig

Initial test tank pressure: _____ psig

Initial test tank temperature: _____ °F

Final test tank pressure: _____ psig

Final test tank temperature: _____ °F

*Leak rate: _____ SCFH

Duration of test: _____ min.

REQUIRED ONLY IF CONTROL
VOLUME METHOD IS USED.

Initial: _____

MANDATORY IN-HAND PROCEDURE

TSS 15.6.10c
Rev. 3
FEB 18 1983

VALVE POSITION TABLE

For testing ISOV-PR26A

Valves Affected By Test	Initial Valve Position	Position Found In	Test Position	Final Position	Plant Location
ISOV-PR26A	Closed		Closed		Vert pipe chase near P15
ISOV-PR25A	Closed		Open		Vert pipe chase near P15
1PRO062	Open		Closed		592' Aux
1PRO015	Closed		Closed		592' Aux
1PRO017	Closed		Open		592' Aux
1PP0086	Closed		Closed		Vert pipe chase 601'
1PRO001	Closed		Open		592' Aux
1PRO030	Open		Open		Vert pipe chase near P44

Reference drawings M70-1, M70-2

RESULTS

DATE: _____

System test pressure: _____ psig

Initial test tank pressure: _____ psig

Initial test tank temperature: _____ °F

Final test tank pressure: _____ psig

Final test tank temperature: _____ °F

*Leak rate: _____ SCFH

Duration of test: _____ min.

REQUIRED ONLY IF CONTROL
VOLUME METHOD IS USED.

Initial: _____

MANDATORY IN-HAND PROCEDURE

TSS 15.6.10e

Rev. 3

FEB 18 1983

VALVE POSITION TABLE

For testing ISOV-PR25D

Valves Affected By Test	Initial Valve Position	Position Found In	Test Position	Final Position	Plant Location
ISOV-PR25D	Closed		Closed		Vert pipe chase near P15
ISOV-PR26D	Closed		Open		Vert pipe chase near P15
1PRO060	Open		Closed		592' Aux
1PRO007	Closed		Closed		592' Aux
1PRO009	Closed		Open		592' Aux
1PP0088	Closed		Closed		Vert pipe chase 601'
1PRO001	Closed		Open		592' Aux
1PRO030	Open		Open		Vert pipe chase near P44

Reference drawings M70-1, M70-2

RESULTS

DATE: _____

System test pressure: _____ psig

Initial test tank pressure: _____ psig

Initial test tank temperature: _____ °F

Final test tank pressure: _____ psig

Final test tank temperature: _____ °F

*Leak rate: _____ SCFH

Duration of test: _____ min.

REQUIRED ONLY IF CONTROL
VOLUME METHOD IS USED.

Initial: _____

MANDATORY IN-HAND PROCEDURE

ISS 15.6.10e
Rev. 3
FEB 18 1983

VALVE POSITION TABLE

For testing ISOV-PR26D

Valves Affected By Test	Initial Valve Position	Position Found In	Test Position	Final Position	Plant Location
ISOV-PR26D	Closed		Closed		Vert pipe chase near P15
ISOV-PR25D	Closed		Open		Vert pipe chase near P15
1PR0060	Open		Closed		592' Aux
1PR0007	Closed		Closed		592' Aux
1PR0009	Closed		Open		592' Aux
1PP0088	Closed		Closed		Vert pipe chase 601'
1PR0001	Closed		Open		592' Aux
1PR0030	Open		Open		Vert pipe chase near P44

Reference drawings M70-1, M70-2

RESULTS

DATE: _____

System test pressure: _____ psig

Initial test tank pressure: _____ psig

Initial test tank temperature: _____ °F

Final test tank pressure: _____ psig

Final test tank temperature: _____ °F

*Leak rate: _____ SCFH

Duration of test: _____ min.

REQUIRED ONLY IF CONTROL
VOLUME METHOD IS USED.

Initial: _____

MANDATORY IN-HAND PROCEDURE

Rev. 3
FEB 18 1983

VALVE POSITION TABLE

For testing 1SOV-PR25B

Valves Affected By Test	Initial Valve Position	Position Found In	Test Position	Final Position	Plant Location
1SOV-PR25B	Closed		Closed		Vert pipe chase near P15
1SOV-PR26B	Closed		Open		Vert pipe chase near P15
1FR0061	Open		Closed		592' Aux
1PR0011	Closed		Closed		592' Aux
1PR0013	Closed		Open		592' Aux
1PP0087	Closed		Closed		Vert pipe chase 601'
1PR0001	Closed		Open		592' Aux
1PR0030	Open		Open		Vert pipe chase near P44

Reference drawings M70-1, M70-2

RESULTS

DATE: _____

System test pressure: _____ psig

Initial test tank pressure: _____ psig

Initial test tank temperature: _____ °F

Final test tank pressure: _____ psig

Final test tank temperature: _____ °F

*Leak rate: _____ SCFH

Duration of test: _____ min.

REQUIRED ONLY IF CONTROL
VOLUME METHOD IS USED.

Initial: _____

MANDATORY IN-HAND PROCEDURE

VALVE POSITION TABLE

For testing ISOV-PR26B

TSS 15.6.10e
Rev. 1
FEB 18 1993

Valves Affected By Test	Initial Valve Position	Position Found In	Test Position	Final Position	Plant Location
ISOV-PR26B	Closed		Closed		Vert pipe chase near P15
ISOV-PR25B	Closed		Open		Vert pipe chase near P15
1PRO061	Open		Closed		592' Aux
1PRO011	Closed		Closed		592' Aux
1PRO013	Closed		Open		592' Aux
1PP0087	Closed		Closed		Vert pipe chase 601'
1PRO001	Closed		Open		592' Aux
1PRO030	Open		Open		Vert pipe chase near P44

Reference drawings M70-1, M70-2

APR 17 1964

RESULTS

DATE: _____

System test pressure: _____ psig

Initial test tank pressure: _____ psig

Initial test tank temperature: _____ °F

REQUIRED ONLY IF CONTROL
VOLUME METHOD IS USED.

Final test tank pressure: _____ psig

Final test tank temperature: _____ °F

*Leak rate: _____ SCFH

Duration of test: _____ min.

Initial: _____

MANDATORY IN-HAND PROCEDURE

TSS 15.6.10e

Rev. 1
FEB 18 1983

VALVE POSITION TABLE

For testing ISOV-PR26C

Valves Affected By Test	Initial Valve Position	Position Found In	Test Position	Final Position	Plant Location
ISOV-PR26C	Closed		Closed		Vert pipe chase near P15
ISOV-PR25C	Closed		Open		Vert pipe chase near P15
1PR0063	Open		Closed		592' Aux
1PR0019	Closed		Closed		592' Aux
1PR0021	Closed		Open		592' Aux
1PP0085	Closed		Closed		Vert pipe chase 601'
1PR0001	Closed		Open		592' Aux
1PR0030	Open		Open		Vert pipe chase near P44

Reference drawings M70-1, M70-2

RESULTS

DATE: _____

System test pressure: _____ psig

Initial test tank pressure: _____ psig

Initial test tank temperature: _____ °F

Final test tank pressure: _____ psig

Final test tank temperature: _____ °F

*Leak rate: _____ SCFH

Duration of test: _____ min.

REQUIRED ONLY IF CONTROL
VOLUME METHOD IS USED.

Initial: _____

MANDATORY IN-HAND PROCEDURE

TSS 15.6.10e
Rev. 1
FEB 18 1983

VALVE POSITION TABLE For testing ISOV-PR25C

Valves Affected By Test	Initial Valve Position	Position Found In	Test Position	Final Position	Plant Location
ISOV-PR25C	Closed		Closed		Vert pipe chase near P15
ISOV-PR26C	Closed		Open		Vert pipe chase near P15
1PRO063	Open		Closed		592' Aux
1PRO019	Closed		Closed		592' Aux
1PRO021	Closed		Open		592' Aux
1PP0085	Closed		Closed		Vert pipe chase 601'
1PRO001	Closed		Open		592' Aux
1PRO030	Open		Open		Vert pipe chase near P44

Reference drawings M70-1, M70-2

RESULTS

DATE: _____

System test pressure: _____ psig

Initial test tank pressure: _____ psig

Initial test tank temperature: _____ °F

Final test tank pressure: _____ psig

Final test tank temperature: _____ °F

*Leak rate: _____ SCFH

Duration of test: _____ min.

REQUIRED ONLY IF CONTROL
VOLUME METHOD IS USED.

Initial: _____

MANDATORY IN-HAND PROCEDURE

TSS 15.6.10e
Rev. 1

JUL 12 1983

TEST AREA 11

Valves to be tested: 1FCVIA01A and 1FCVIA01B

Test procedure:

Close 1IA0053, 1IA0052, 1PP0170, and 1A to containment isolation valve. Open 1PP0180 and vent line through test tap. Have 1FCVIA01A and 1FCVIA01B closed from control room. Pressurize system through 3/8" test tap. Perform standard type C leak rate test as specified in procedure. When test complete, vent lines and realign valves to positions found in (or as specified by Shift Engineer), and reinstall blocks in valves 1FCV-IA01A and 1FCV-IA01B (if required per Shift Engineer).

Notify Shift Engineer that blocks in 1FCV-IA01A and 1FCV-IA01B are reinstalled (if required to be reinstalled).

Shift Engineer

Date/Time

```
*****
*                                     *
*          CAUTION                   *
*                                     *
* The instrument Air containment isolation valves CANNOT *
* be blocked open if the Unit is above Cold Shutdown.  *
*                                     *
*****
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MANDATORY IN-HAND PROCEDURE

TSS 15.6.10e
Rev. 2
JUL 12 1983

VALVE POSITION TABLE

For testing 1FCVIA01A and 1FCVIA01B

Valves Affected By Test	Initial Valve Position	Position Found In	Test Position	Final Position	Plant Location
1FCVIA01A	Open		Closed		Vert pipe chase near P44
1FCVIA01B	Open		Closed		Vert pipe chase near P44
1IA0053	Open		Closed		Pipe chase in cont near P44
1IA0052	Open		Closed		Pipe chase in cont near P44
1PP0170	Closed		Closed		Vert pipe chase 604'
1PP0180	Closed		Open		Vert pipe chase 604'
1IA0054	Open		Closed		592' Aux

____/____/____ 1FCVIA01A Block Reinstalled (if required per Shift
Initial Date Time Engineer)

____/____/____ 1FCVIA01B Block Reinstalled (if required per Shift
Initial Date Time Engineer)

Reference drawings M70-1, M70-2

RESULTS

DATE: _____

System test pressure: _____ psig

Initial test tank pressure: _____ psig

Initial test tank temperature: _____ °F

Final test tank pressure: _____ psig

Final test tank temperature: _____ °F

*Leak rate: _____ SCFH

Duration of test: _____ min.

REQUIRED ONLY IF CONTROL
VOLUME METHOD IS USED.

Initial: _____

MANDATORY IN-HAND PROCEDURE

Rev. 0
APR 01 1982

TEST AREA 12

Valves to be tested: 1FCVPR24A and 1FCVPR24B

Test Procedure:

Plug hole in line with 1/4" threaded screw. Close 1PP0089 and align rest of valves as specified in valve position table. Pressurize system through 1" test tap and perform standard type C leak rate test as specified in procedure. When test completed, remove 1/4" threaded screw and realign valves to position found in or as directed by shift engineer.

MANDATORY IN-HAND PROCEDURE

Rev. 0

APR 01 1982

VALVE POSITION TABLE

For testing 1FCVPR24A

Valves Affected By Test	Initial Valve Position	Position Found In	Test Position	Final Position	Plant Location
1FCVPR24B	Open		Open		Vert pipe chase near P44
1FCVPR24A	Open		Closed		Vert pipe chase near P44
1PP0189	Closed		Closed		Vert pipe chase 604'
Hole in line	Open		Closed		Near P44

Reference drawings M73-2, M70-1

APR 17 1984

RESULTS

DATE: _____

System test pressure: _____ psig

Initial test tank pressure: _____ psig

Initial test tank temperature: _____ °F

REQUIRED ONLY IF CONTROL
VOLUME METHOD IS USED.

Final test tank pressure: _____ psig

Final test tank temperature: _____ °F

*Leak rate: _____ SCFH

Duration of test: _____ min.

Initial: _____

MANDATORY IN-HAND PROCEDURE

Rev. 0
APR 01 1982

VALVE POSITION TABLE

For testing 1FCVPR24B

Valves Affected By Test	Initial Valve Position	Position Found In	Test Position	Final Position	Plant Location
1FCVPR24B	Open		Closed		Vert pipe chase near P44
1FCVPR24A	Open		Open		Vert pipe chase near P44
1PP0189	Closed		Closed		Vert pipe chase 604'
Hole in line	Open		Closed		Near P44

Reference drawings M73-2, M70-2

RESULTS

DATE: _____

System test pressure: _____ psig

Initial test tank pressure: _____ psig

Initial test tank temperature: _____ °F

Final test tank pressure: _____ psig

Final test tank temperature: _____ °F

*Leak rate: _____ SCFH

Duration of test: _____ min.

REQUIRED ONLY IF CONTROL
VOLUME METHOD IS USED.

Initial: _____

MANDATORY IN-HAND PROCEDURE

TSS 15.6.10e

Rev. 3

JUN 01 1983

TEST AREA 13

Valve to be tested: 1-SI8880

Test Procedure:

Close valves 1-SI0007, 1-SI8965A and 1-SI8965B manually and have valve 1-SI8880 closed from control room. Uncap ends of pipe near valves 1-SI0008 and 1-SI0009, and open both valves to vent line. Pressurize line thru threaded end of pipe off of 1-SI0008 and do standard type C leak rate test as specified in procedure. When finished realign valves to the positions in which they were found, or as directed by shift engineer.

MANDATORY IN-HAND PROCEDURE

TSS 15.6.10e

Rev. 3

JUN 01 1983

VALVE POSITION TABLE

Valves Affected By Test	Initial Valve Position	Position Found In	Test Position	Final Position	Plant Location
1SI8880	Closed		Closed		Vert pipe chase near P76
1SI0007	Open		Closed		Vert pipe chase near P76
1SI0009	Closed		Open		Vert pipe chase near P76
1SI0008	Closed		Open		Vert pipe chase near P76
1SI8965A	Closed		Closed		560' H-29
1SI8965B	Closed		Closed		560' H-29

Reference drawing M-65

APR 17 1964

RESULTS

DATE: _____

System test pressure: _____ psig

Initial test tank pressure: _____ psig

Initial test tank temperature: _____ °F

Final test tank pressure: _____ psig

Final test tank temperature: _____ °F

*Leak rate: _____ SCFH

Duration of test: _____ min.

REQUIRED ONLY IF CONTROL
VOLUME METHOD IS USED.

Initial: _____

APR 17 1964

SUMMATION OF RESULTS FOR UNIT 1

[illegible]

Note: P_1, T_1, P_2, T_2 . Required Only If Control Volume Method Is Used.

MANDATORY IN-HAND PROCEDURE

TSS 15.6.10e
Rev 1
Inst 27 1982

Evaluation of Test Results

Date reviewed by:

Test Engineer

Date

Tech Staff Supervisor

Date