



- NOTES**
1. ALL COMPONENT MARK NUMBERS PREFIXED 39 UNLESS OTHERWISE NOTED.
 2. ALL MANUAL VALVES PREFIXED 3AS UNLESS OTHERWISE NOTED.
 3. ALL 1/2" COMPRESSORS (1) AND PIPING CLASS 15-48 BEGINNING AT THE DOWNSTREAM SIDE OF THE REDUCER TO THE "DIP" JUNT CONNECTION.
 4. FLOW ELEMENT/TRANSDUCER MAY BE REPLACED WITH A 3/4" NPT PIPE PLUG WHEN UNIT REMAINS FOR CALIBRATION.
 5. ALL EQUIP. ROOMS WILL BE LOCATED IN TURBINE BUILDING UNLESS OTHERWISE NOTED.

- REFERENCES**
- FLOW DIAGRAM SYMBOLS FM-14A
 - FLOW DIAGRAM SERVICE AIR SYS. 39 FM-39B
 - FLOW DIAGRAM INST. AIR SYS. 39 FM-39C

SYSTEM INTENDED FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AIR

PRIMARY CONTAINMENT PENETRATIONS AM-17

GA CAT 1, II/III

JAMES A. FITZPATRICK
NUCLEAR POWER PLANT

FLOW DIAGRAM
BREATHING, INSTRUMENT &
SERVICE AIR
SYSTEM 39

DATE: 12/2/04

50 12/2/04 PD KB FN

49 10/10/04 AS BUILT PER M.I.L. NO. M1-99-014 P10 000 - C17 JA

48 04/04/04 AS BUILT PER M.I.L. NO. M1-99-014 P10 000 - 000 JA

47 03/04/04 AS BUILT PER M.I.L. NO. M1-99-014 P10 000 - 000 JA

46 02/04/04 AS BUILT PER M.I.L. NO. M1-99-014 P10 000 - 000 JA

45 01/04/04 AS BUILT PER M.I.L. NO. M1-99-014 P10 000 - 000 JA

44 12/04/04 AS BUILT PER M.I.L. NO. M1-99-014 P10 000 - 000 JA

43 11/04/04 AS BUILT PER M.I.L. NO. M1-99-014 P10 000 - 000 JA

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41 09/04/04 AS BUILT PER M.I.L. NO. M1-99-014 P10 000 - 000 JA

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39 07/04/04 AS BUILT PER M.I.L. NO. M1-99-014 P10 000 - 000 JA

38 06/04/04 AS BUILT PER M.I.L. NO. M1-99-014 P10 000 - 000 JA

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21 01/03/04 AS BUILT PER M.I.L. NO. M1-99-014 P10 000 - 000 JA

20 12/02/04 AS BUILT PER M.I.L. NO. M1-99-014 P10 000 - 000 JA

19 11/02/04 AS BUILT PER M.I.L. NO. M1-99-014 P10 000 - 000 JA

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0 0-1-00

NO. DATE DESCRIPTION BY (FNO) (CNO) (APP)

1 01/01/04 LRA-FM-39A-0

2 02/01/04 LRA-FM-39A-50.DGN

3 03/01/04 FM-39A-50.CAL



REVISIONS