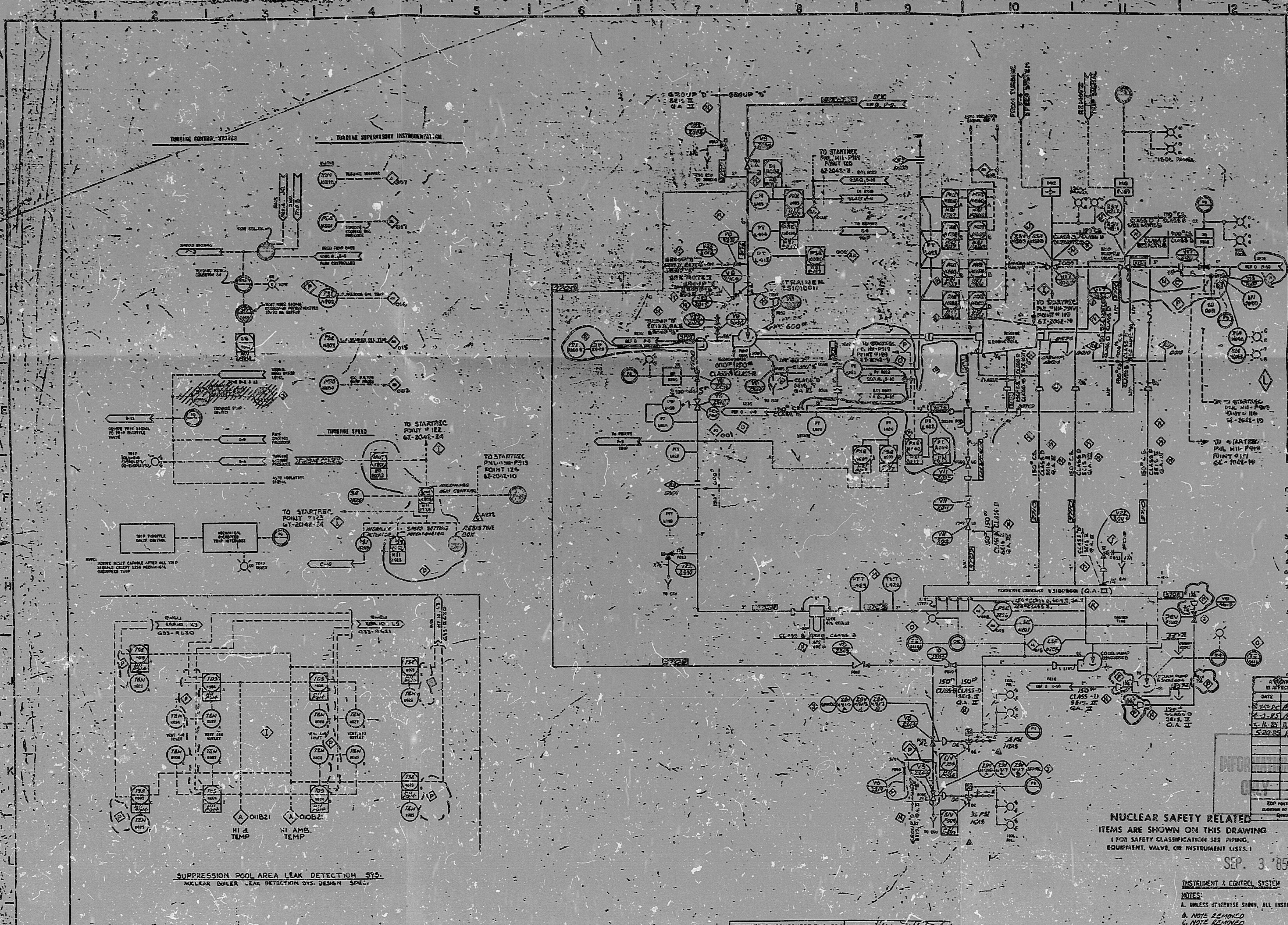


SUPPRESSION POOL AREA LEAK DETECTION SYS.

NUCLEAR BOILER LEAK DETECTION SYS. DESIGN SPEC.

1. THIS DIAGRAM REPLACES THE GENERAL ELECTRIC DIAGRAM - 729E600-40
2. SPECIFIC SYSTEM DESIGN REQUIREMENTS ARE GIVEN IN THE REACTOR CORE ISOLATION SYSTEM DESIGN SPECIFICATION # 3071-503.
3. THE PLANT IDENTIFICATION NUMBER FOR THE RCIC SYSTEM IS 351-00
4. FOR ASSEMBLY DWG NOS SEE KEY PLAN 6M721-2320
5. FOR GENERAL ARRANGEMENT SEE 7A721-2030
6. PIPING IN PHANTOM, LEADING TO TURBINE E5101C002 TO BE ARRANGED AND SUPPLIED BY TURBINE VENDOR.
7. THE STRAINER SHALL BE INSTALLED PRIOR TO THE PRE-OPERATIONAL TESTING SCHEDULE. AFTER TESTING IS COMPLETE THE STRAINER GASKET SHALL BE PERMANENTLY REMOVED.
8. THIS NON-ISOLABLE PORTION OF PIPING SHALL NOT BE HYDROSTATICALLY TESTED AND SHALL BE CLASSIFIED AS CLASS D PIPING. THE TURBINE AND ASSOCIATED PIPING AND VALVES ARE NON-ASME COMPONENTS -- PER ASME SECTION III, 1971 CODE, ARTICLE NA-1130. HOWEVER, THIS PIPING IS SEISMIC I, QA LEVEL I, AND MEETS THE CODE REQUIREMENTS FOR CLASS B PIPING EXCEPT FOR THE "N" STAMP AND HYDRO-TESTING.
9. ALL RCIC EQUIPMENT AND PIPING COMPONENTS ... LEVEL I UNLESS NOTED OTHERWISE

A PORTION OF THIS DOCUMENT IS AFFECTED BY THE FOLLOWING:

DATE	OFC	CHANGE DOCUMENT
3-25-85	ABN	2872-1
4-2-85	ACN	2564-1
3-16-85	ABN	3115-1
5-20-85	ABN	2720-1

EDP POSTING ENTRIES REQUIRE THE ADDITION OF THE ARMS STATUS CODE: EITHER "AFC" OR "ASB".

INFORMATION ONLY

JAN 02 1985

E51008

NUCLEAR SAFETY RELATED
ITEMS ARE SHOWN ON THIS DRAWING
(FOR SAFETY CLASSIFICATION SEE PIPING, EQUIPMENT, VALVE, OR INSTRUMENT LISTS.)

6M721-2045
LATEST REVISION P

LEGEND

DWG NO IDENTIFIES PIPING ISOMETRIC FOR FABRICATION & ERECTION

SEP. 3 '85

INSTRUMENT & CONTROL SYSTEM

NOTES:

A. UNLESS OTHERWISE SHOWN, ALL INSTRUMENT NO'S ON THIS DIAGRAM ARE FOR SYSTEM E51

B. NOTE REMOVED

C. NOTE REMOVED

REFERENCES:

1. PIPING & INSTRUMENT SYMBOLS-GE 197R567 R1-23
2. LEGEND OF SYMBOLS & INSTR. IDENT.-DECO 6M721-2601-FOR PLANT SYSTEM DIAGRAM

DETROIT EDISON CO. JAN 02 1985 CONTROLLED DOCUMENT

ZONE H-F(4) INSTRUMENTS MOVED TO PANEL IN RELAY ROOM. (ZONE D-6) ADDED TI-R005 & TW-L440. (ZONE D-8,9) RELOCATED PI-L422, PXE-N000 & PI-R004. ZONE B4 D-E, K-9) REMOVED CAPS FROM VENT & DRAIN CONNECTIONS. (ZONE D-12). CHANGED H TO F.

P: (ZONE E-11, D-12) ADDED STARTREC SIGNAL POINT #139. RELOCATED STARTREC SIGNAL POINT #117, PER EMR-7598. REVISED AND UPDATED DWG. PER DECO ENGINEERING REVIEW. 88PIAO

REVISED BY CONCOURSE ENG. CO.

M: REVISED BY CONCOURSE ENG. CO.

L: REVISED BY CONCOURSE ENG. CO. (ZONE D-12) ADDED 1" BYPASS AROUND VALVE V17-2032 PER DCN-9430 REV. A.

K: REVISED BY CONCOURSE ENG. CO. (ZONES C-10, 11, E-12, 11, F-10, 11) CHGD CLASS BOUNDRIES & ADDED REF. TO NOTE 8 PER DCN 5742 REV. A, DCN 9286 & DCR 5B-2549 REV. C. REVISED AIR SUPPLY PRESSURE FOR ... 88PIAO

J: REVISED BY CONCOURSE ENG. CO.

DOCUMENT CONTROL

DIAGRAM

TITLE: REACTOR CORE ISOLATION COOLING SYSTEM (RCIC) BAROMETRIC CONDENSER

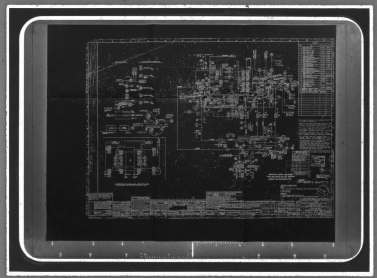
ENRICO FERMI ATOMIC POWER PLANT UNIT #2

THE DETROIT EDISON COMPANY

6M721-2045 | M13 | SCALE NONE | 88PIAO

PDR RIDS

8510180497



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