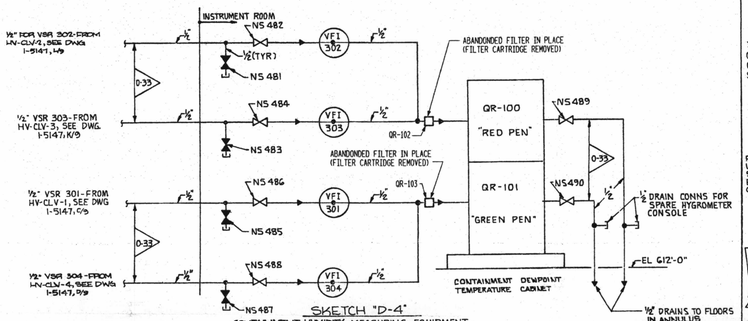
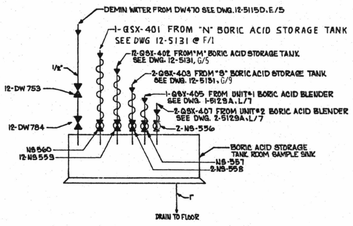
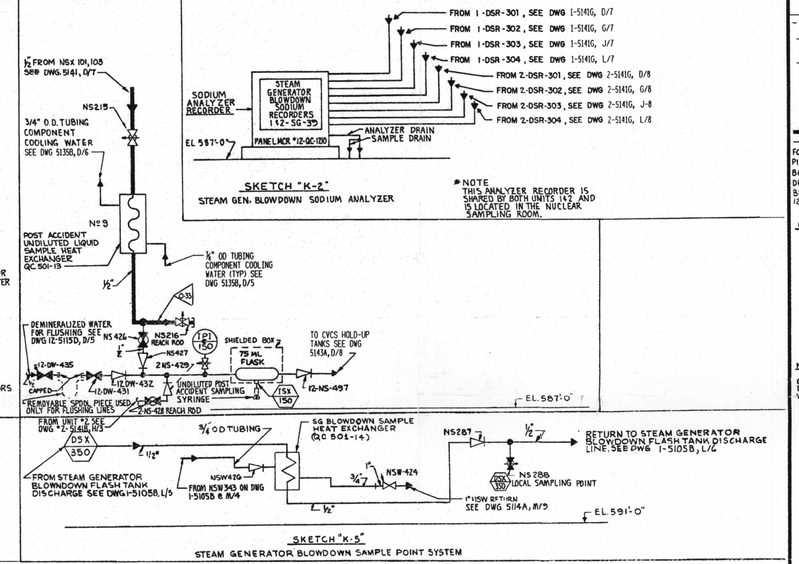
DWG. NO. OP-1-5141B



SKETCH "D-4"
CONTAINMENT HUMIDITY MEASURING EQUIPMENT



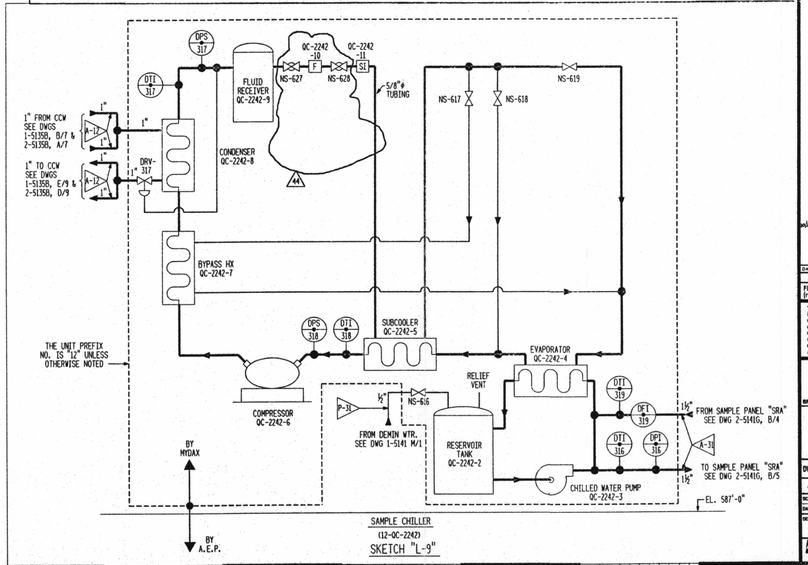
SKETCH "B-6"



SKETCH "K-2"
STEAM GEN. BLOWDOWN SODIUM ANALYZER

*NOTE
THIS ANALYZER RECORDER IS SHARED BY BOTH UNITS 1&2 AND IS LOCATED IN THE NUCLEAR SAMPLING ROOM.

SKETCH "K-5"
STEAM GENERATOR BLOWDOWN SAMPLE POINT SYSTEM



SAMPLE CHILLER
(12-QC-2242)
SKETCH "L-9"

GENERAL NOTES

- UNLESS OTHERWISE NOTED ON THIS DRAWING:
- REFER TO DRAWING 12-5104 FOR "HAND OPERATED VALVE IDENTIFICATION NUMBERS" NOTES.
- THE UNIT PREFIX DESIGNATION FOR EACH COMPONENT IDENTIFICATION NO. IS " 1 ".

LEGEND
MAIN FLOW
AUXILIARY FLOW

FOR VALVE, INSTRUMENT, SAMPLING, PIPE MATERIAL, AND OTHER SYMBOLS NOT EXPLAINED ON THIS DRAWING AND FOR MARK NUMBER CODES SEE DRAWINGS 12-5103, 5104

NOTE 'A'
FAILED FUEL DET.: THE SYSTEM IS LOCATED IN THE REFUELING WATER PURIFICATION PUMP AND FILTER COMPARTMENT.

NOTE 'E'
FOR CODE CLASS 2 INSTRUMENT CONN'S THE ISI BOUNDARY EXTENDS UP TO AND INCLUDES THE FIRST ROOT VALVE.

NOTE 'G'
ALL EQUIPMENT SEISMIC CLASS III EXCEPT AS NOTED.

SIGHT FLOW INDICATORS QC-2242-11
FILTER

DATE	NO.	DESCRIPTION	APPD.
	44	REPLACED THE EXISTING FILTER FOR QC-2242-10 WITH MODEL 12-QDS-01. ADDED VALVES NS-627 AND NS-628 # J-4/6 PER 12-CHM-3026-RO.	

REVISIONS

FILENAME: op-1-5141b.044
(raster file): op-1-5141b 44.tif

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INDIANA MICHIGAN POWER COMPANY
DONALD C. COOK
NUCLEAR PLANT
BRIDGMAN MICHIGAN

FLOW DIAGRAM
NUCLEAR SAMPLING
UNIT NO. 1

DWG. NO. OP-1-5141B-44

ARCH	ELEC	MECH	STR

SCALE: NONE
DATE: 12-29-05 BY: DH
DESIGN ENGINEERING SUPERVISOR: REFER TO DATE AND ISSUE NOTES IN TITLE BLOCKS

AEP AMERICAN ELECTRIC POWER
AEP SERVICE CORP.
1 RIVERSIDE PLAZA
COLUMBUS, OH 43215

OP-1-5141B-44

D-01