



GENERAL NOTES

LEGEND

— MAIN FLOW
— AUXILIARY FLOW

FOR VALVE, INSTRUMENT, SAMPLING PIPE, MATERIAL AND OTHER SYMBOLS NOT EXPLAINED ON THIS DWG AND FOR MARK NUMBER CODES SEE DWG 51203 & 51204.

NOTE A
ALL EQUIPMENT SEISMIC CLASS I EXCEPT AS NOTED

NOTE B
ALL EQUIPMENT, VALVES & INSTRUMENTS SUPPLIED BY WESTINGHOUSE EXCEPT AS NOTED

NOTE C
VALVE MARK N°S

IRV-116 (N°1)
IRV-126 (N°2)
IRV-136 (N°3)
IRV-146 (N°4)

NOTE D
VALVE MARK N°S

IRV-116 (N°1)
IRV-126 (N°2)
IRV-136 (N°3)
IRV-146 (N°4)

NOTE E
FOR CODE CLASS 1, 2 & 3 INSTRUMENT CONNECTIONS, THE IS1 BOUNDARY EXTENDS TO AND INCLUDES THE FIRST ROUT VALVE.

NOTE F
FOR CODE CLASS 1 VENTS AND DRAINS, THE IS1 BOUNDARY EXTENDS TO AND INCLUDES THE SECOND NORMALLY CLOSED VALVE OR EXTENDS TO AND INCLUDES THE BLIND FLANGE OR CAP AFTER A NORMALLY CLOSED VALVE.

NOTE G
FOR CODE CLASS 2 & 3 VENTS AND DRAINS, THE IS1 BOUNDARY EXTENDS TO AND INCLUDES THE FIRST NORMALLY CLOSED VALVE.

THE UNIT PREFIX DESIGNATION FOR EACH COMPONENT IDENTIFICATION NUMBER IS "1" UNLESS OTHERWISE NOTED

THIS DWG MADE UNIQUE AND SUPERSEDES DWG 1-5143 REV. 22

HAND OPERATED VALVE IDENTIFICATION NUMBERS

1. ONLY "UNIQUE VALVE NUMBERS" APPEAR ON THIS DRAWING. SEE SEPARATE VALVE IDENTIFICATION LIST FOR EQUIVALENT DESIGN (MCR) NUMBERS.

2. "TAG" NUMBERS MODIFIED FOR DRAWING USE AS FOLLOWS:
TAG N° 2-NSW-VI05-Y APPEARS AS: NSW-VI05

3. INSTRUMENT ROOT VALVE MARK N°S NOT SHOWN ON DRAWING (SEE VALVE IDENTIFICATION LIST) DERIVED BY ADDING TO INSTRUMENT NUMBER:
FOR SINGLE IMPULSE: V (UPSTREAM)
V2 (DOWNSTREAM)

FOR MICROFILM STATUS SEE REVISION RECORD FOR THIS DWG

5-2-88 39 *[Signature]*

DATE NO. APPROVED

FOR REVISION DESCRIPTION SEE SEPARATE REVISION RECORD FOR THIS DRAWING

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INDIANA & MICHIGAN ELECTRIC CO.
DONALD C. COOK
NUCLEAR PLANT

BRIDGMAN MICHIGAN

FLOW DIAGRAM EMERG. CORE COOLING (RHR) UNIT NO. 1

DR. NO. 1-5143-39

SPR. NO. 1-5143-39

DR. L.H. 1-5143-39

CH. F.B. 1-5143-39

SOLAR T.C. 1-5143-39

DATE 4/2/88

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