



- NOTES:**
1. CONTAINMENT AIR RETURN FAN'S HYDROGEN SKIMMER CAN WILL START 10 MINUTES AFTER THE 50% SIGNAL.
 2. ALL PIPING CLASS 3 UNLESS OTHERWISE NOTED.
 3. ALL SYSTEMS ARE RESPONSIBLE FOR THE CONTAINMENT VESSEL SUBSYSTEM WITH INVC RESPONSIBLE FOR THE REMAINING PART OF THE SYSTEM.
 4. PIPE END TO BE FABRICATED TO SINGLE PRESSURIZATION OF PIPE TO TEST CONTAINMENT ISOLATION VALVES.
 5. DAMPERS SHALL BE IN ACCORDANCE WITH ANSI B31.1 SECTION 102.4, SUMMER 1976 ADDENDA, Q.A. COND 1 APPLIES TO THIS AS A DUCT SYSTEM, NOT AS A PIPING SYSTEM. ABSTRACT CONNECTIONS AND IMPULSE LINES TO BE CLASS 3.
 6. CHECK VALVE WITH SOFT SEAT ASSEMBLY.

DESIGN PARAMETERS

LINE LISTING	PRESSURE	TEMPERATURE	CLASS	MATERIAL
10	10 PSIG	250°F	3	CS
11	10 PSIG	250°F	3	CS
12	10 PSIG	250°F	3	CS

Q.A. BOUNDARY

SI APERTURE CARD

Q.A. CONDITION 1
NUCLEAR SAFETY RELATED

Q.A. CONDITION 4
SEISMIC CATEGORY II

DUNGE POWER COMPANY
MCQUIRE NUCLEAR STATION UNIT 1
FLOW DIAGRAM OF
CONTAINMENT AIR RETURN EXCHANGE
& HYDROGEN SKIMMER SYSTEM (VX)

NO.	REVISIONS	DATE	BY	CHKD	DATE	APPR	DATE	CHKD	DATE	APPR	DATE
19	REV. PER 378-16-10										
18	REV. PER 378-16-10										
17	AS-BUILT PER NCH 12211/88										
16	IMP. DATE 12/2/86										
15	REVISED ORIGINAL DWG. 5-8-84										

DESIGNED BY: [] DATE: 12/2/86
 CHECKED BY: [] DATE: 12/2/86
 APPROVED BY: [] DATE: 12/2/86

DWG. NO. MC-1557-1

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PDR RIDS

