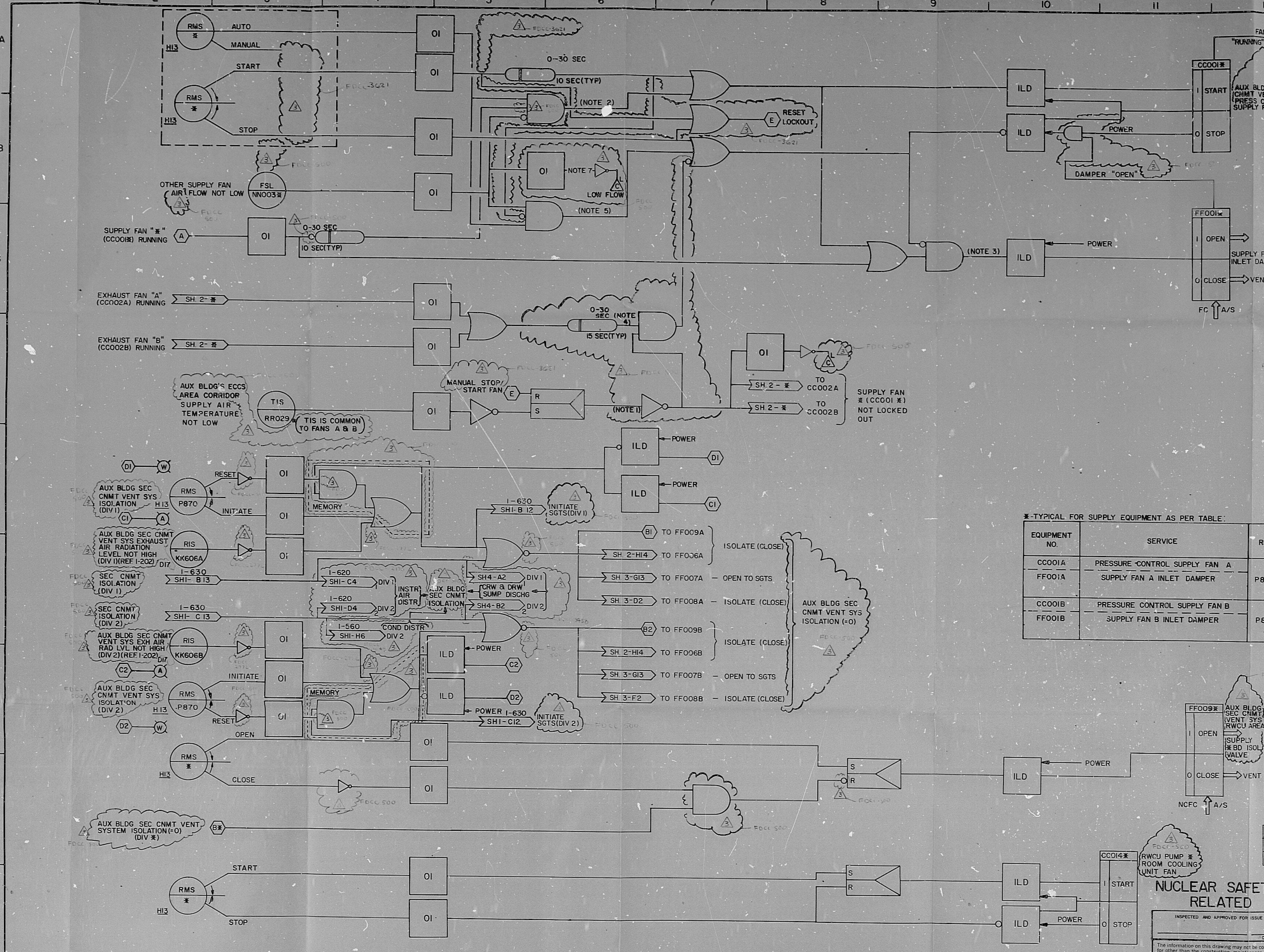

GENERAL NOTES RELATED TO ESF FUNCTIONS

A - THE FOLLOWING CONDITION IS CORRECTED AUTOMATICALLY BY THE RELATED EQUIPMENT- AREA AIR TEMPERATURE HIGH.

B - THE FOLLOWING CONDITIONS MUST BE CORRECTED MANUALLY BY THE OPERATOR- AREA AIR TEMPERATURE LOW, PRESSURE HIGH/LOW AND HUMIDITY HIGH/LOW.

C - THE FOLLOWING ACTION IS INITIATED AUTOMATICALLY BY THE RELATED EQUIPMENT- SECONDARY CONTAINMENT ISOLATION WHICH INCLUDES SGTS INITIATION.

D - THE FOLLOWING ACTION MUST BE INITIATED MANUALLY BY THE OPERATOR- NONE AT THIS TIME

NOTES

1. SEE SHEET 2 NOTE 1.
2. SEE SHEET 2 NOTE 4. STANDBY FAN'S COOLING COIL MUST BE LOCALLY VALVED IN, AND OPERATING UNIT OUT, TO OBTAIN COOLING FROM RI CHILLED WATER SYSTEM IF OPERATING UNIT IS OR BECOMES OUT OF SERVICE.
3. BEFORE A FAN STARTS, ITS INLET DAMPER OPENS. AFTER A FAN STOPS, ITS INLET DAMPER CLOSES.
4. THE SUPPLY FANS STOP WHEN NEITHER OF THE PRESSURE CONTROL EXHAUST FANS IS RUNNING.
5. A FAN STOPS AUTOMATICALLY WHEN THE AIR FLOW OF THE OTHER FAN IS NORMAL.
6. FF010A & B CONTROLS SHOWN ON I-760
7. SEE SHEET 2 NOTE 6.

*-TYPICAL FOR SUPPLY EQUIPMENT AS PER TABLE:

EQUIPMENT NO.	SERVICE	RMS	FSL	TO CC002A SH.2-* TO CC002B SH.2-*	FROM CC002A SH. 2-*	FROM CC002B SH. 2-*	DIV
CC001A FF001A	PRESSURE CONTROL SUPPLY FAN A SUPPLY FAN A INLET DAMPER	P870	NN003B	TO CC002A SH.2-F11 TO CC002B SH.2-G11	E 13	F 13	N
CC001B FF001B	PRESSURE CONTROL SUPPLY FAN B SUPPLY FAN B INLET DAMPER	P870	NN003A	TO CC002A SH.2-F11 TO CC002B SH.2-G11	E 14	F 14	N

*-TYPICAL FOR VALVES AS PER TABLE:

EQUIP. NO.	SERVICE	B*	RMS	DIV.
FF009A	RWCU AREA SUPPLY OUTBOARD ISOL. VALVE	B1	P870	1
FF009B	RWCU AREA SUPPLY INBOARD ISOL. VALVE	B2	P870	2

PRC APERTURE CARD

*-TYPICAL FOR FANS AS PER TABLE:

EQUIP. NO.	SERVICE	RMS	DIV.
CC014A	RWCU PUMP A ROOM COOLING FAN	P870	N
CC014B	RWCU PUMP B ROOM COOLING FAN	P870	N

SPECIFICATION OR DRAWING NUMBER	REFERENCES		
I-560	DEMIN WATER & COND DISTR LD	I-630	STANDBY GAS TREATMENT SYSTEM LOGIC DIAG.
I-620	INSTR & SERVICE AIR DISTR SYSTEMS LD	I-760	FUEL BLDG HVAC SYSTEMS LOGIC DIAGRAM
I-001	REACTOR ISLAND LOGIC DIAGRAM SYMBOLS		
K-163	AUXILIARY BUILDING ECCS AREA PRESSURE		
	CONTROL SYSTEM FLOW DIAGRAM		
I-202	PROCESS RADIATION MONITORING SYSTEM(RI)		
	INSTRUMENT ENGINEERING DIAGRAM		

ALL MPL NO ON THIS DRAWING ARE PREFIXED BY SYSTEM NUMBER X73 UNLESS OTHERWISE NOTED

REV	DATE	DESCRIPTION	DESIGN	DRAWN	CHECK	ENGR APPR	NED
3	4-23-79	REVISED PER FDCC-500, 1649, 2772, 2176, 3621, 3438 (BT-5441)		RNP			
2	3/18/77	REVISED PER BT-1613, REISSUED FOR X17-22		T.U.			
1		REVISED PER BT-759, ISSUED FOR DESIGN		J.G.			
0	9-11-75			B.a.			
A	12.20.74	ISSUED FOR REVIEW AND COMMENTS		B.a.			

NUCLEAR SAFETY RELATED

INSPECTED AND APPROVED FOR ISSUE

DATE

PROJECT 92
X21-22 NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY

PROJECT 89
X17-20 NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY

GENERAL ELECTRIC
NUCLEAR ENERGY DIVISION

AUXILIARY BUILDING ECCS AREA PRESSURE CONTROL SYSTEM LOGIC DIAGRAM

ALHAMBRA C F BRAUN & CO CALIFORNIA
POWER DIVISION

SCALE NONE
PROJECT NOS. 4840-P/205-H7841, 4922-P/205-G7A92
DRAWING NO. I-720A
REV 3

SHEET 1 OF 4

RIDS

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