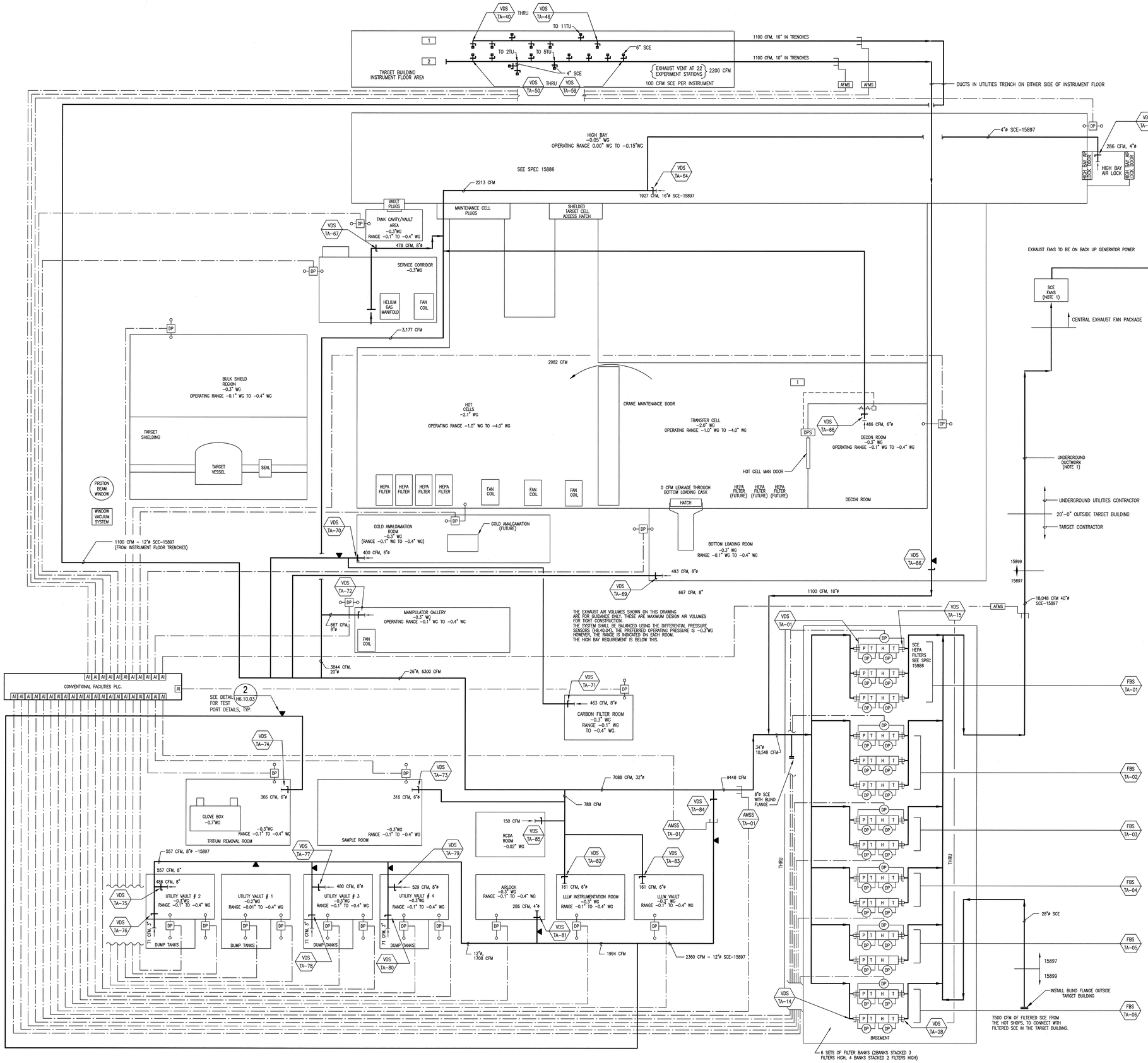

GENERAL NOTES:

1. ALL DIFFERENTIAL PRESSURE SENSORS (DP) SHALL HAVE DIGITAL READOUTS, IN ADDITION TO HAVING AN ANALOG FEED BACK TO THE CONTROL PANEL. THE DIFFERENTIAL SHALL BE TAKEN BETWEEN THE SECONDARY CONFINEMENT AREA AND THE CLOSEST TERTIARY AREA. IF THE DIFFERENTIAL PRESSURE GOES ABOVE -0.1" WG IN ANY SCE AREA AN ALARM SHALL SOUND. THE DIGITAL READOUT FOR EACH AREA SHALL BE LOCATED IN THE ROOM THAT IS BEING SERVED.
2. REFER TO CENTRAL EXHAUST FAN PACKAGE FOR INTERLOCK OF SEE FANS WITH PCE FANS.
3. SEE DRAWING H8.40.01 FOR INTERLOCK OF MUA FANS WITH SCE FANS.

SHEET NOTES:

1 — DOOR SWITCH SHALL INTERLOCK WITH DAMPER TO CLOSE WHEN HOT CELL MAN DOOR OPENS.

SEQUENCE OF OPERATION

THE ENTIRE SCE SYSTEM IS A MONITOR ONLY SYSTEM. ALL INPUTS INTO THE LOCAL APPLICATION CONTROLLER LOCATED IN THE TARGET BUILDING ARE ANALOG INPUTS. THERE SHALL BE AN ELECTRICAL INTERLOCK BETWEEN THE HOT CELL MAN DOOR SWITCH AND A 2 POSITION (FAIL OPEN) MOTORIZED DAMPER LOCATED IN THE DECON ROOM.

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NUMBER OF SECTION OR DETAIL — DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN

SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY

CHANGE CONTROL SYSTEM 3

ENGINEERING PROCEDURE SNS-ENG-G001

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE REQUEST NUMBER	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
A				ISSUED FOR REFERENCE - 11/13/01	MMK	BWJ											BWJ	105869	11/13/01

REVISION OR ISSUE PURPOSE — REVISION APPROVALS

REW	–	WRS	AK	WRS	BWJ	–	MP	–	ED
ST	CV	EC	EE	EM	IE	M	PD	SE	AR

SQUAD CHECK

RPE: FOR REFERENCE ONLY

DSN	M.KEHOE	11/13/01
DRW	J.STEIN	11/13/01
CHK	B.JOHNSON	11/13/01
DEPT		
PE		
PJ		
REQ		
UTB		

REV. DATE — DRAWING APPROVALS

108030700-H8E-8700-A069

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PROJECT NAME:
SPALLATION NEUTRON SOURCE

TARGET BUILDING
TARGET SCE CONTROL DIAGRAM

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	H	X	X	8	8700		1	1	D	U
51		52		53	WBS					REV
NC		NA			1.8.3.7		H8.40.04			A

Date: 11/13/2001 Time: 15:39:21
Username: TIAAM
RDSPIE:_WS_SPIDER2TTT_TIAAM_VOL_QADD_SNS4_SAT_H8_PLOT_V8-40-04.DWG

AutoCAD