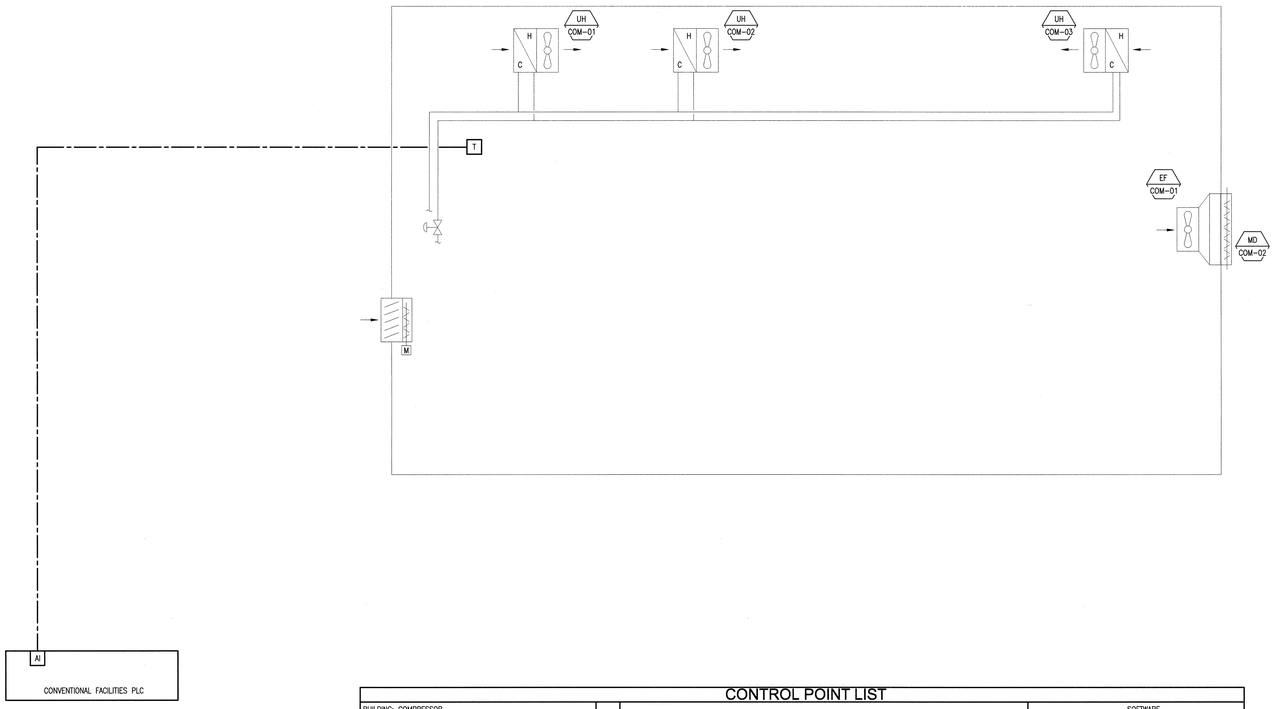

SEQUENCE OF OPERATION:

1. TEMPERATURE MONITORING:
   A TEMPERATURE SENSOR IN THE COMPRESSOR BUILDING SHALL PROVIDE INPUT TO THE CONTROL SYSTEM. THIS TEMPERATURE DATA WILL BE USED FOR MONITORING AND ALARM.

CONTROL POINT LIST

BUILDING: COMPRESSOR		OUTPUT FROM DDC						INPUT TO DDC												SOFTWARE					
		DIGITAL			ANALOG			DIGITAL						ANALOG						ALARMS					APPLICATIONS
POINT DESCRIPTION	GRAPHIC DISPLAY (WINDOWS BASED SOFTWARE)	CONTROL RELAY	HANDS/OFF/AUTO	OPEN/CLOSE	CONTROL POINT ADJUSTMENT	PROPORTIONAL CONTROL		CONTACT CLOSURE	STATUS		PRESSURE SWITCH	AUXILLARY CONTACT	GENERAL ALARM	TEMPERATURE (F)			POSITION SENSOR		DIGITAL	CONTACT CLOSURE--EQUIPMENT FAILURE		ANALOG	HIGH LIMIT	LOW LIMIT	RUN TIME		START/STOP	
SPACE TEMPERATURE																							X	X				

1 CONTROL DIAGRAMS - COMPRESSOR BUILDING
SCALE: NONE

HDG150027-5A

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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	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
A				ISSUED FOR REFERENCE – 10/26/01	MMK	BWJ											BWJ	105869	10/26/01	REW	–	WRS	AK	WRS	BWJ	–	MP	–	ED
REVISION OR ISSUE PURPOSE								REVISION APPROVALS												SQUAD CHECK								

RPE
FOR REFERENCE ONLY
REV. DATE

DRAWING APPROVALS: DSN, DRW, CHK, DEPT, PE, PJ, REQ, UTB

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PROJECT NAME:
SPALLATION NEUTRON SOURCE
COMPRESSOR BUILDING CONTROLS

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	H	X	X	8	8760		1	1	D	U
51		52		53	WBS					REV
NC		NA			1.8.3.15		H8.41.06			A

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