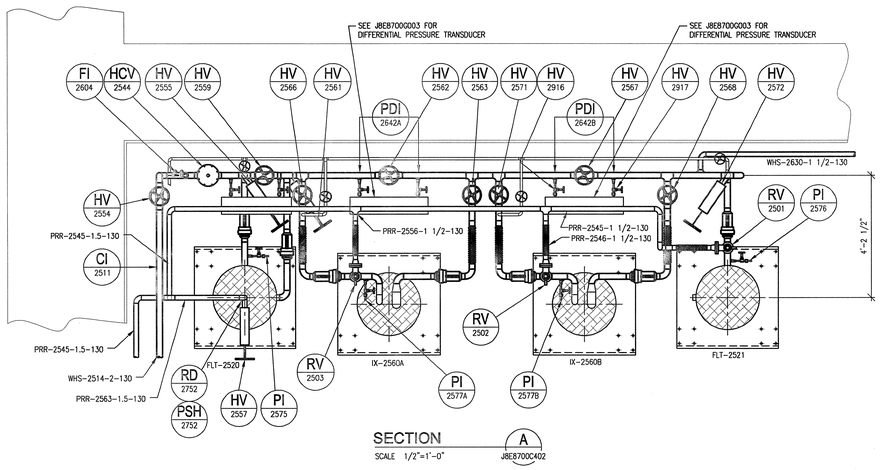
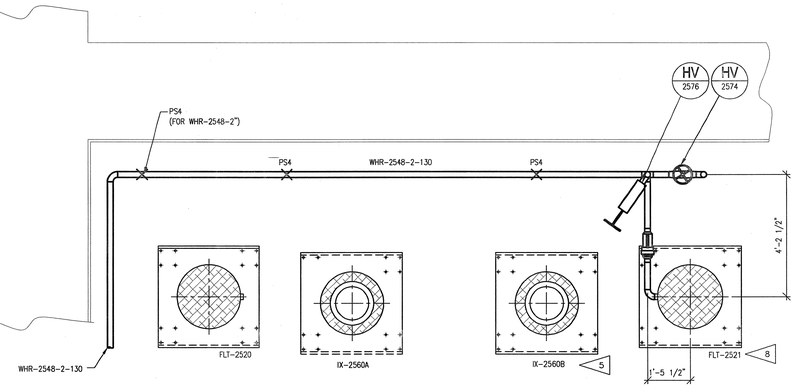


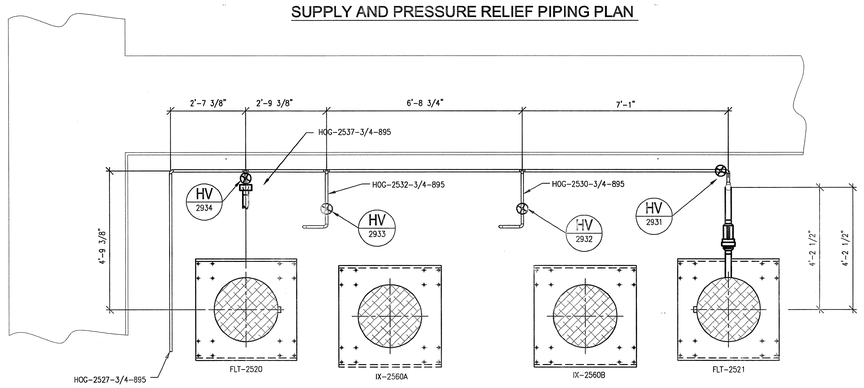
SECTION A
SCALE 1/2"=1'-0" J8E8700C402

SUPPLY AND PRESSURE RELIEF PIPING PLAN



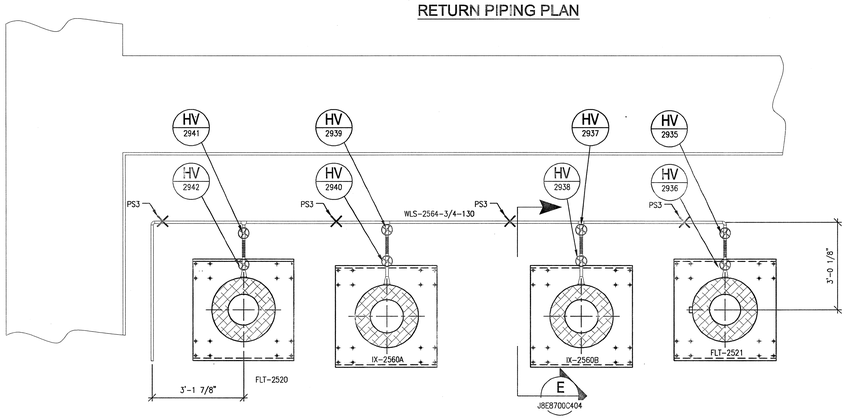
SECTION C
SCALE 1/2"=1'-0" J8E8700C402

RETURN PIPING PLAN



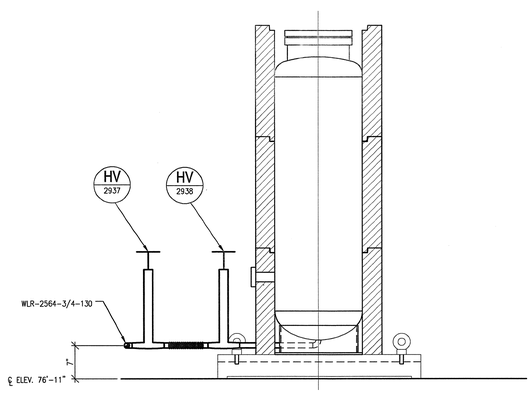
SECTION B
SCALE 1/2"=1'-0" J8E8700C402

HOT OFFGAS PIPING PLAN



SECTION D
SCALE 1/2"=1'-0" J8E8700C402

ION EXCHANGE COLUMN DRAIN PIPING PLAN



SECTION E
SCALE 1" = 1'-0" J8E8700C404

ION EXCHANGE COLUMN 2560B

GENERAL NOTES

1. SEE SPECIFICATION 15130 FOR ACTIVATED COOLING WATER PIPE SYSTEM INSTALLATION, TESTING AND ASSEMBLY REQUIREMENTS.
2. SEE EQUIPMENT SPECIFICATION 106060000-EQ-0003 FOR VALVE INFORMATION.
3. SEE EQUIPMENT SPECIFICATION 106060000-EQ-0005 FOR ION EXCHANGE COLUMN INFORMATION.
4. SEE EQUIPMENT SPECIFICATION 106060000-EQ-0006 FOR ACTIVATED COOLING WATER FILTERS.
5. DIMENSION & ELEVATIONS ARE TO CENTERLINE OF PIPE UNLESS OTHERWISE NOTED.
6. SEE DRAWING Nos J8E8700G080 AND J8E8700G081 FOR PIPE SUPPORT DETAILS.
7. SEE DRAWING No. P3.B1.43 FOR OTHER FACILITY PIPING IN THE AREA.
8. PIPE SUPPORTS ARE SHOWN IN GENERAL LOCATIONS. CONTRACT TO SUBMIT DIMENSIONED LOCATIONS FOR APPROVAL PRIOR TO FABRICATION & ASSEMBLY.
9. MINIMUM SLOPE IS 1/8" PER FT.

DEVICE DESIGNATOR
SEE DWG J8E8700A001 FOR ABBREVIATION LIST
XX XXXX
DEVICE NUMBER (PER P&ID)

NUMBER OF SECTION OR DETAIL
DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN
SECTION AND DETAIL KEY

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THIS DOCUMENT CONTROLLED BY
CHANGE CONTROL SYSTEM 3
ENGINEERING PROCEDURE SNS-TS-G001

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE REQUEST NUMBER	REVISION OR ISSUE PURPOSE	DSN	CHK	DEPT	REVISION APPROVALS DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
0				CERTIFIED FOR CONSTRUCTION - 1/18/02	JJD	TP												100946	1/18/02

SQUAD CHECK											DRAWING APPROVALS
GPR			HG	TP						WBB	RPE
ST	CV	EC	EE	EM	IE	M	PD	SE	AR		REV. 0 DATE 11/4/02

DSN	J.J.DAVIDSON	12/21/01
DRW	J.J.DAVIDSON	12/21/01
CHK	T. PROFFITT	01/10/02
DEPT		
PE		
PJ		
REQ		1/25/02
UTB		1/25/02

106060000-J8E-8700-C404

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UT-BATTELLE
Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725
UT-BATTELLE, LLC, ● Oak Ridge, Tennessee

PROJECT NAME:
SPALLATION NEUTRON SOURCE
ACTIVATED COOLING WATER SYSTEM
HEAVY WATER STATION #4
SECTIONS & DETAILS

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	J	X	X	9	3700		1	1	D	U

51	52	53	WBS	REV
NC	NA		106060000	J8E8700C404 0

P:\90618\DRAWINGS\ISSUED\MECH\8700\1.8\02-01-18 (CFC)\J8E8700C404R0MBN-2002 11:12 tcarnesjh