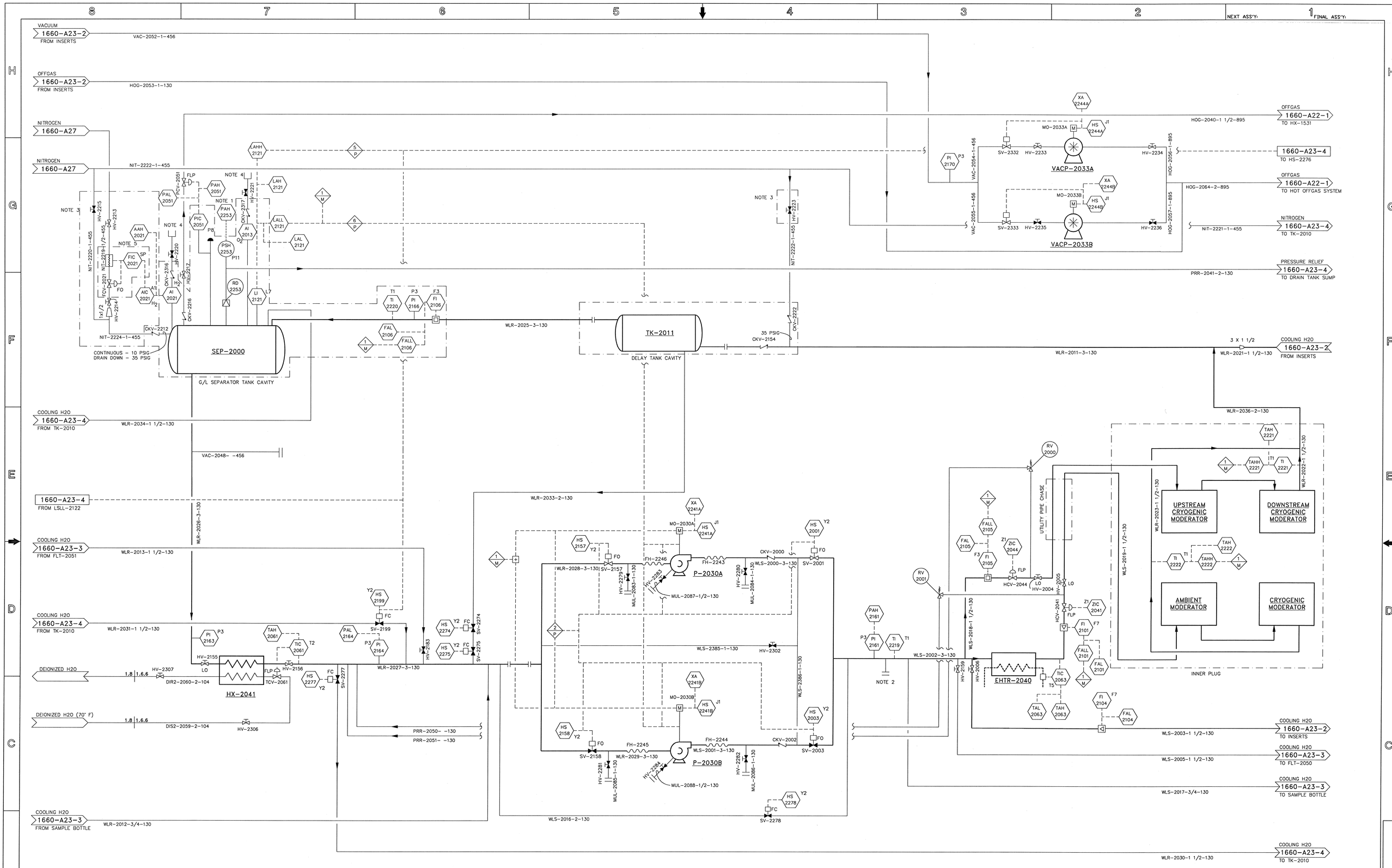

SEP-2000
MODERATORS/SHUTTERS
INSERTS COOLING LOOP
GAS/LIQUID SEPARATOR

HX-2041
MODERATORS/SHUTTERS/
INSERTS COOLING
LOOP COOLER

TK-2011
DELAY TANK

P-2030A/B
COOLING
LOOP PUMPS

EHTR-2040
TRIM HEATER

VACP-2033A/B
INSERTS VACUUM PUMPS

NOTES:

(1) BURST DISK INDICATOR.

(2) FOR FUTURE PH PROBE.

(3) EQUIPMENT LOCATED IN THE LIGHT WATER STATION #3 SERVICE PANEL SHOWN IN SVERDRUP DRAWING 106060000-J8E-8700-A027.

(4) CALIBRATION GAS LINE.

(5) PACKAGED FLOW CONTROLLER.

NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFOR MATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDER ARE NOT TO BE USED FOR OTHER PURPOSES AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

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

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

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE NUMBER NUMBER	DESCRIPTION	BY	CHK	SECT	DEPT	DATE	PE	REQ	DATE	UTB	DATE	RPE	RPE ND	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
0				CERTIFIED FOR CONSTRUCTION, 1-18-02	CMM	JPF	—	—	01/02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

RPE			
	DSGN	CMM	1-17-02
	DRW	CMM	1-17-02
	CHKR	JPF	1-17-02
	SECT		
	DEPT		
	PE		
	PJ		
	REQ		
			1-18-02
			1-18-02
			1-18-02
	UTB		1/18/02

REV. DATE — DRAWING APPROVALS

PROCESS DRAWING NO.
1660-A23-1

PROCESS ENGINEERING ASSOCIATES, LLC
174 RANDOLPH ROAD
OAK RIDGE, TN 37830
865-220-8722
FAX: 865-220-8729

UT-BATTELLE
Oak Ridge National Laboratory, managed by UT-Battelle, LLC, for the U.S. Dept. of Energy under contract DE-AC05-00OR22725

PROJECT NAME:
SPALLATION NEUTRON SOURCE

MODERATORS/SHUTTERS/INSERTS UTILITIES
COOLING LOOP MAIN LOOP
PIPING AND INSTRUMENTATION DIAGRAM

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	X	X	8				1	4		U

51	52	53	WBS	REV
NC	NA	IN	106060000-J8E-8700-A023	0