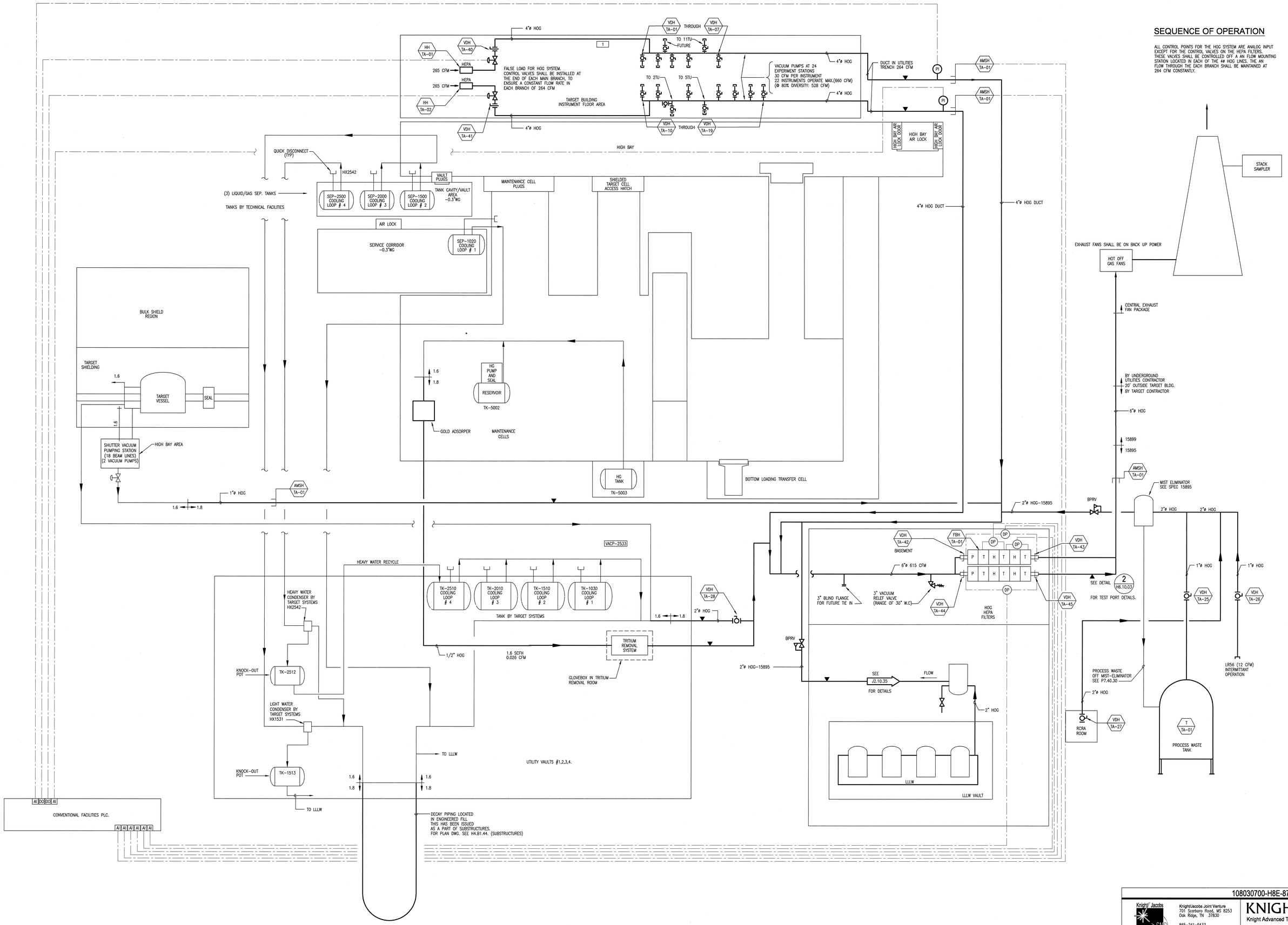

SEQUENCE OF OPERATION

ALL CONTROL POINTS FOR THE HOG SYSTEM ARE ANALOG INPUT EXCEPT FOR THE CONTROL VALVES ON THE HEPA FILTERS. THESE VALVES SHALL BE CONTROLLED OFF A AN FLOW MOUNTING STATION LOCATED IN EACH OF THE 4ø HOG LINES. THE AN FLOW THROUGH THE EACH BRANCH SHALL BE MAINTAINED AT 264 CFM CONSTANTLY.

108030700-H8E-8700-A070

Knight/Jacobs Joint Venture
701 Scarboro Road, MS 8253
Oak Ridge, TN 37830
865-241-9433
fax 865-241-3400
KNIGHT
Knight Advanced Technology
249 West Randolph Street
Chicago, IL 60601

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

TARGET BUILDING TARGET HOG CONTROL DIAGRAM

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

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

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	H8.40.05	A

NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION 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 OR TAKEN
SECTION AND DETAIL KEY

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

Date: 11/13/2001 Time: 15:36:58
AutoCAD