



- NOTES:
1. SYMBOL DENOTES BACKWASH TIMER CONTROL.
 2. UNLESS OTHERWISE INDICATED ALL PRESSURE AND/OR FLOW INSTRUMENT ROOT VALVES SHALL BE 3/4" ROOT VALVES FOR CARBON STEEL SYSTEMS SHALL BE 5/4" V226X, ROOT VALVES FOR STAINLESS STEEL SYSTEMS SHALL BE 3/4" V226X LINE UP TO AND INCLUDING ROOT VALVES SHALL BE FURNISHED AND INSTALLED UNDER CONTRACT E-69-4.
 3. ALL TEMPERATURE TEST & PROTECTION WELL PENETRATIONS SHALL BE 1" NPT UNLESS OTHERWISE NOTED.
 4. AT SAMPLING POINTS, CONNECTIONS, PROBES AND ROOT VALVES SHALL BE FURNISHED AND INSTALLED UNDER CONTRACT E-69-4. PROBES SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH CONTRACT PARA 3.4.2 AND DWG. SP-07211. FIG. NUMBER AS NOTED. CONTINUATION OF SAMPLE PIPING BY E-70-3.
 5. HIGH POINT VENTS AND LOW POINT DRAINS NOT SHOWN.
 6. ALL PIPING FROM SHIELDED TANKS TO FIRST SHUT OFF VALVE SHALL BE SUITABLY SUPPORTED TO WITHSTAND A CLASS I SEISMIC EARTH-QUAKE.
 7. ALL VALVE NUMBERS IN PARENTHESIS () ARE NUMBERS TO BE USED IN OPERATING PROCEDURES. THESE NUMBERS ARE ASSIGNED BY NPPD AND WILL NOT BE SHOWN ON PIPING DRAWINGS.
 8. WHERE SHOWN WITH NUMBERS REPRESENT POINTS OF CONNECTION TO EXISTING SYSTEMS. E-73-58 SPECIFICATION DEFINES WORK FROM THIS POINT.
 9. WHERE LINES ARE INTERCONNECTED AND CONTINUED ON OTHER DRAWINGS, ZONE NUMBERS ARE APPROXIMATE ONLY.
 10. EQUIPMENT ABANDONED IN PLACE.

REVISIONS TO THIS DRAWING REQUIRES A REVISION TO THE CORRESPONDING ISOKY.

NOTE: ALL ITEMS MARKED THIS ARE "AS-BUILT" ITEMS AND ARE NOT SHOWN ON PIPING DRAWINGS.

AS BUILT
454003625
STATUS: Release
STATUS DATE: 08/04/2015
DS APPROVED: GEHORN
VER: AB REV: 32 SIZE: F

FOR PREVIOUS REVISIONS, SEE SUPERSEDED CARDS.						SIGNIFICANT NUMBER		DRAWN DATE		CHECKED DATE		APPROVED DATE		FILMED	
NO.	DESCRIPTION	DFT	DATE	ENG	GROUP	1	2	3	4	5	6	7	8	9	10
AB/232	DR-2013-0599 (DCN 13-2083)		8/4/15	GEHORN											

COOPER NUCLEAR STATION
FLOW DIAGRAM
HIGH CONDUCTIVITY (FLOOR DRAINS
CHEMICAL AND LAUNDRY WASTE) PROCESS

BURNS & ROE
2032 SH 1