



- NOTES**
1. UNLESS OTHERWISE NOTED ALL LINES ON THIS DRAWING ARE DESIGNATED "TCC-1"
 2. UNLESS OTHERWISE INDICATED ALL PRESSURE AND/OR FLOW INSTRUMENT ROOT LINES SHALL BE 3/4" ROOT VALVES SHALL BE 3/4" V2325 LINE UP TO AND INCLUDING ROOT VALVE SHALL BE FURNISHED AND INSTALLED UNDER CONTRACT E69-4.
 3. ALL TEMPERATURE TEST AND PROTECTING 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 E69-4. PROBES SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH CONTRACT PARAGRAPH 3.4.2 AND DWG SP-07211 FIG. NUMBER AS NOTED. CONTINUATION OF SAMPLE PIPING BY E70-3.
 5. 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.
 6. OUTLET PRESSURE SHALL BE SET AT A MAXIMUM OF 65 PSIG.
 7. ALL ITEMS MARKED THUS [A] ARE "AS-BUILT" ITEMS AND ARE NOT SHOWN ON PIPING DRAWINGS.
 8. WHERE LINES INTERCONNECT AND ARE CONTINUED ON OTHER DRAWINGS, ZONE NUMBERS ARE APPROXIMATE ONLY.
 9. PER CED 8011640 13 1/2 OR 12 3/4 INCH FLEXIBLE HOSES MAY BE INSTALLED UTILIZING A PIPE NIPPLE AND A UNION TO MAKE UP THE EXTRA LENGTH REQUIRED WHEN USING THESE SHORTER HOSES.

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

FOR PREVIOUS REVISIONS, SEE SUPERSEDED CARDS.

VERSIONS/REVISIONS BY N.P.D.			
NO.	DESCRIPTION	DFT DATE	ENG
02/24/02	DR-2015-0002	03/19/02	FOKNER

SIGNATURE NUMBER		DATE	
1	2	3	4
GROUP	HYF	08/05/02	
CHECKED		DATE	
APPROVED		DATE	
FILMED		DATE	

COOPER NUCLEAR STATION
FLOW DIAGRAM
TURBINE BUILDING
CLOSED COOLING WATER SYSTEM

BURNS & ROE
2007

AS BUILT
454003590
STATUS: Release
STATUS DATE: 03/19/2015
DS APPROVED: FOKNER
VER: AC REV: 84 SIZE: F