



- NOTES:**
- UNLESS OTHERWISE SHOWN, ALL PIPING ON THIS DIAGRAM IS DESIGNATED "FP-1".
 - ALL PIPING SYSTEM FABRICATION SHALL BE PER THE CLASSIFICATION SHOWN ON THE MATERIAL SPECIFICATION SHEETS AND SPECIFICATION E-69-4.
 - ALL VALVES IN FP-1 SHALL BE 175# F.U. SPECIAL.
 - SUFFIX (PI) DESIGNATES POST INDICATOR VALVE.
 - AUTOMATIC SPRINKLER CORPORATION OF AMERICA ABBREVIATED AS ASCOA WHEN IDENTIFYING SPRINKLER AND SPRAY SYSTEMS DRAWING NUMBERS.
 - REACTOR BUILDING AND CONTROL BUILDING FIRE PROTECTION PIPING SYSTEM AND SPRINKLERS ARE SUPPORTED FOR CLASS IS RESTRAINED CRITERIA. INTAKE STRUCTURE FIRE PROTECTION PIPING SYSTEMS ARE SUPPORTED FOR BARGE IMPACT CRITERIA.
 - 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.
 - VALVES ARE UNDERWRITERS APPROVED.
 - △'S WHERE SHOWN WITH NUMBERS REPRESENT POINTS OF CONNECTION TO EXISTING SYSTEMS E-73-58 SPECIFICATION DEFINES WORK FROM THIS POINT.
 - ALL VALVES ARE IN THE FIRE PROTECTION (FP) SYSTEM UNLESS DESIGNATED OTHERWISE.
 - ∇ INDICATES ONE OR MORE SPRINKLER HEADS IN LINE.
 - WHERE LINES ARE INTERCONNECTED AND CONTINUED ON OTHER DRAWINGS, ZONE NUMBERS ARE APPROXIMATE ONLY.

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

AS BUILT
454243821
STATUS: Release
STATUS DATE: 05/08/2018
DS APPROVED: DCWHEAT
VER: AC REV: 05 SIZE: F

FOR PREVIOUS REVISIONS, SEE SUPERSEDED CARDS.				SIGNIFICANT NUMBER	GROUP	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
NO.	DESCRIPTION	DFT	DATE	ENG	1	2	3	4	5	6	7	8	9	10
AB/04	DR-2013-0599 (DCN 13-2034)		DJR	4/22/15	GEHORN									
AC/05	DR-2018-0001		DUR	05/08/18	DCWHEAT									

DRAWN RGA 6-7-95		BURNS & ROE
CHECKED KG 4-8-99	DATE	
APPROVED DDK 5-25-99	DATE	
FILMED	DATE	

COOPER NUCLEAR STATION FLOW DIAGRAM FIRE PROTECTION CONT. RDW & ARDW BLDG.'S		2016 SH 1B
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