



- 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 1S 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.
  - ALL VALVES ON THE 6 HEADED HOSE NOZZLE ARE CLOSED.
  - ∇ INDICATES ONE OR MORE SPRINKLER HEADS IN LINE.
  - WHERE LINES ARE INTERCONNECTED AND CONTINUED ON OTHER DRAWINGS, ZONE NUMBERS ARE APPROXIMATE ONLY.
  - HEAT TRACE

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

**AS BUILT**  
454243820

STATUS: Release  
DATE: 04/20/2016  
DS APPROVED: NEWERNE  
VER: AB REV: 09 SIZE: F

VERSIONS/REVISIONS BY N.P.P.D.				SIGNATURE		DATE	
NO.	DESCRIPTION	DFT	DATE	GROUP	GROUP	DATE	DATE
AB/09	OR-2016-0002	DDK	04/20/16			6-7-95	
						5-28-99	
						6-3-99	

  

<b>FLOW DIAGRAM</b> <b>FIRE PROTECTION</b> <b>SERVICE BLDG'S &amp; YARD</b> <b>COOPER NUCLEAR STATION</b>				DRAWN: RGA CHECKED: KG APPROVED: DDK FILMED:		DATE: 6-7-95 DATE: 5-28-99 DATE: 6-3-99		BURNS & ROE 2016 SH. 1A C0018088
--	--	--	--	---	--	---	--	--