



NOTES:

1. UNLESS OTHERWISE SHOWN, ALL PIPING ON THIS DIAGRAM IS DESIGNATED "FP-1".
2. ALL PIPING SYSTEM FABRICATION SHALL BE PER THE CLASSIFICATION SHOWN ON THE MATERIAL SPECIFICATION SHEETS AND SPECIFICATION E-69-4.
3. ALL VALVES IN FP-1 SHALL BE 175# F.U. SPECIAL.
4. SUFFIX (PI) DESIGNATES POST INDICATOR VALVE.
5. AUTOMATIC SPRINKLER CORPORATION OF AMERICA ABBREVIATED AS ASCOA WHEN IDENTIFYING SPRINKLER AND SPRAY SYSTEMS DRAWING NUMBERS.
6. 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.
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. VALVES ARE UNDERWRITERS APPROVED.
9. Δ 'S WHERE SHOWN WITH NUMBERS REPRESENT POINTS OF CONNECTION TO EXISTING SYSTEMS E-73-58 SPECIFICATION DEFINES WORK FROM THIS POINT.
10. ALL VALVES ARE IN THE FIRE PROTECTION (FP) SYSTEM UNLESS DESIGNATED OTHERWISE.
11. ∇ INDICATES ONE OR MORE SPRINKLER HEADS IN LINE.
12. 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FOR PREVIOUS REVISIONS, SEE SUPERSEDED CARDS.

| VERSIONS/REVISIONS BY N.P.P.D. | | | |
|--------------------------------|----------------------------|-----|----------|
| NO. | DESCRIPTION | DFT | DATE |
| AB/04 | DR-2013-0599 (DCN 13-2034) | DJR | 4/22/15 |
| AC/05 | DR-2018-0001 | DUR | 05/08/18 |

| SIGNIFICANT NUMBER | GROUP | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|--------------------|---------|---|---|---|---|---|---|---|---|---|----|----|----|
| GROUP | 1 | | | | | | | | | | | | |
| DATE | 6-7-95 | | | | | | | | | | | | |
| DATE | 4-8-99 | | | | | | | | | | | | |
| DATE | 5-25-99 | | | | | | | | | | | | |

COOPER NUCLEAR STATION
FLOW DIAGRAM
FIRE PROTECTION
CONT. RDW & ARDW BLDG.'S

BURNS & ROE

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