DIESEL GENERATOR BUILDING

WATER TREATMENT AREA

CONT. ON 2016 SH.1A ZONE F-2

CONT. ON 2016 SH.1A ZONE F-9

TO 8" RD CONT. ON DWG 2263

TO 8" RD CONT. ON DWG 2261

SEE DWG 2010, SH.1 ZONE D-1

CONT. ON 2010 SH.1 ZONE C-2

CONT. ON 2010 SH.1 ZONE G-2

CONT. ON 2010 SH.1 ZONE H-2

CONT. ON 2010 SH.1 ZONE E-5

CONT. ON 2016 SH.1B ZONE A-4

CONT. ON 2016 SH.1A ZONE F-9

CONT. ON 2016 SH.1A ZONE G-9

TURBINE GENERATOR OIL PIPING SPRAY SYSTEM NO.13

TURBINE GENERATOR OIL PIPING SPRAY SYSTEM NO.12

REACTOR FEED PUMP 1A SPRAY SYSTEM NO.9

H2 SEAL OIL UNIT SPRAY SYSTEM NO.11

TURBINE GEN. BLDG. SOUTH BASEMENT SPRINKLER SYSTEM NO.1A

NORMAL STATION SERVICE TRANSFORMER SPRAY SYSTEM NO.21

LUBE OIL PURIFIER AREA SPRAY SYSTEM NO.8

REACTOR FEED PUMP 1B SPRAY SYSTEM NO.10

LUBE OIL STORAGE AREA SPRAY SYSTEM NO.7

MAIN POWER TRANSFORMER B SPRAY SYSTEM NO.16

MAIN POWER TRANSFORMER D SPRAY SYSTEM NO.18

TURBINE LUBE OIL RESERVOIR AREA SPRAY SYSTEM NO.14

TURBINE GEN. BLDG. NORTH BASEMENT SPRINKLER SYSTEM NO.1B

MAIN POWER TRANSFORMER C SPRAY SYSTEM NO.17

MAIN POWER TRANSFORMER A SPRAY SYSTEM NO.15

MACHINE SHOP

CONTROL BUILDING

TURBINE GENERATOR BUILDING

DOC STORAGE VAULT SPRINKLER SYSTEM NO.33

TURBINE GEN. BLDG. CABLE CHASE SPRINKLER SYSTEM NO.32

EMERGENCY STATION SERVICE TRANSFORMER SPRAY SYSTEM NO.20

STARTUP STATION SERVICE TRANSFORMER SPRAY SYSTEM NO.19

REFERENCE DWGS BY ASCOA SPRINKLER & SPRAY SYSTEMS	
SYSTEM NO	ASCOA DWG NUMBER
1A	34-1243SH - SHT 1,2
1B	34-1243SH - SHT 3
2	34-1243SH - SHT 6
3	34-1243SH - SHT 6
4	34-1243SH - SHT 12
5	34-1243SH - SHT 13
6	34-1243SH - SHT 13
7	34-1243SH - SHT 1,4
8	34-1243SH - SHT 2,3,4
9	34-1243SH - SHT 2
10	34-1243SH - SHT 2
11	34-1243SH - SHT 1,4
12	34-1243SH - SHT 5,12
13	34-1243SH - SHT 6,12
14	34-1243SH - SHT 5,7
15	34-1243SH - SHT 8,9,10
16	34-1243SH - SHT 8,9,10
17	34-1243SH - SHT 8,9,10
18	34-1243SH - SHT 8,9,10
19	F.E. MORAN DWGS. 1958FP-101, 1958FP-102
20	34-1243SH - SHT 8,10,11
21	34-1243SH - SHT 8,11
22	34-1243SH - SHT 18
23	34-1243SH - SHT 18

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. △'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.

VERSIONS/REVISIONS BY NPPD					
NO.	DESCRIPTION	ORDER	DFT	DATE	ENG
AE/71	DR-2019-0001	-	DLR	6/13/19	RSCULLI
AC/72	DR-2019-0001	-	DJR	8/20/19	MLNEDDE
AG/73	DR-2022-0001	-	DLR	5/5/22	RKKUKER
AD/74	DR-2017-0425	5039780	LS	10/16/22	MJDICKE

SIGNIFICANT NUMBER							
GROUP	1	2	3	4	5	6	

FLOW DIAGRAM
FIRE PROTECTION
TURBINE GENERATOR BUILDING
COOPER NUCLEAR STATION

DRAWN	DATE
CHECKED	DATE
APPROVED	DATE
SEE SUPERSEDED DWGS	
FILMED	

BURNS & ROE

2016 SH 1

CADD FILE: C0018087

AS BUILT
454003604
STATUS: Release
STATUS DATE: 10/17/2022
DS APPROVED: JDWILSO
VER: AD REV: 74 SIZE: F