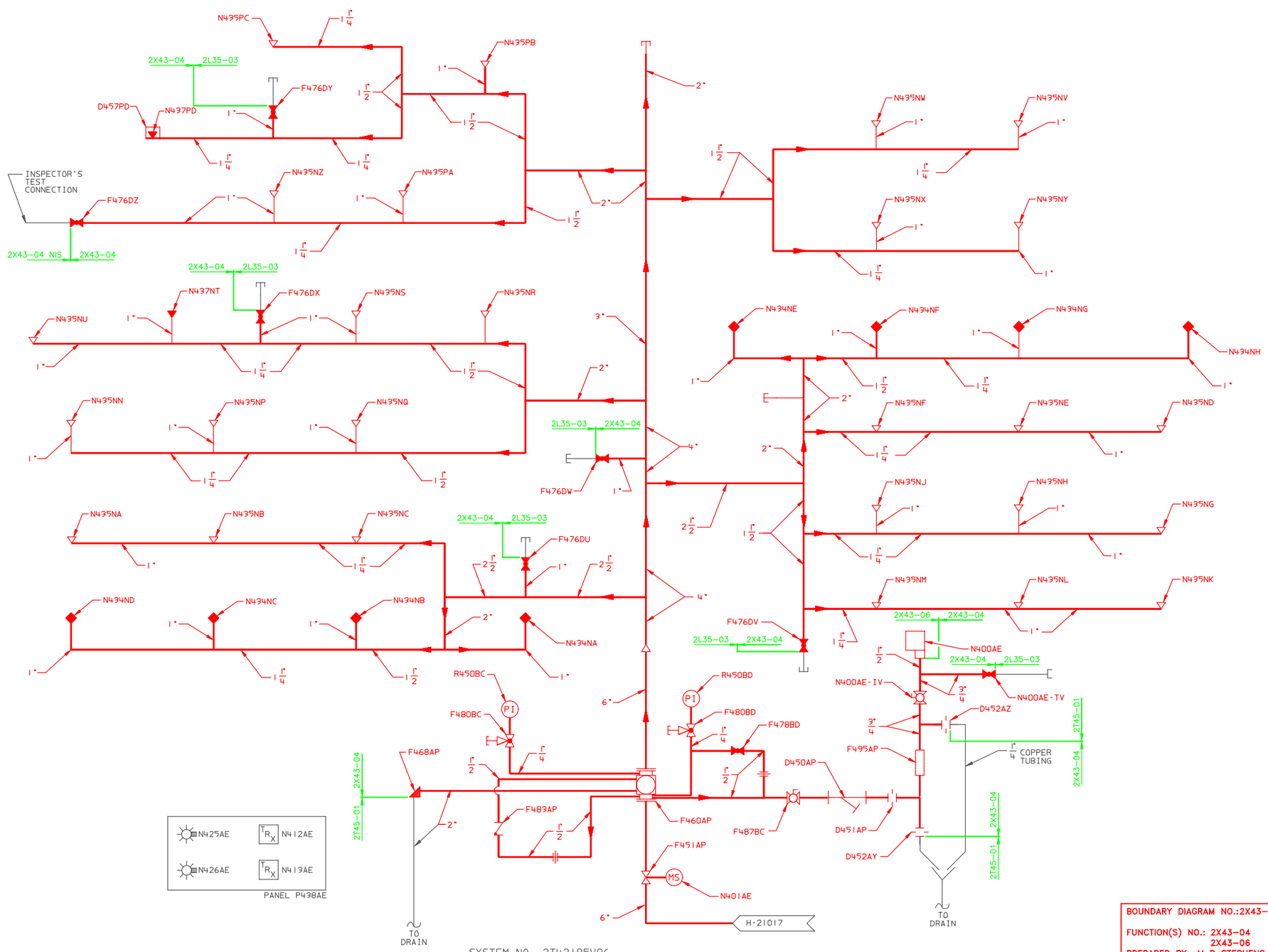
HL-50276



SYSTEM NO. 2T43185W06
N.E. 185 WATER CURTAIN
FLOOR EL. 185'-0"

LEGEND:

- PRESSURE SWITCH
- PRESSURE INDICATOR
- MONITOR SWITCH
- INDICATING LIGHT
- GLOBE VALVE (N.C.)
- ANGLE GLOBE VALVE (NC)
- STRAINER
- ORIFICE
- CHECK VALVE
- GATE VALVE (N. O.)
- BALL VALVE (N.O.)
- SIDE OUTLET GLOBE VALVE (N.O.)
- UPRIGHT SPRINKLER HEAD (N.C.)
- PENDENT SPRINKLER HEAD (N.C.)
- UNION
- ALARM VALVE
- DRIP FUNNEL
- CAP
- RETARD CHAMBER
- PLUG
- SPRINKLER WITH CANOPY
- CONCENTRIC REDUCER
- ADDRESSABLE INTERFACE MODULE
- BALL VALVE (N.O.)
- EA-1 NOZZLE WITH 65° DEFLECTOR

NOTES:

1. THE DESIGN OF THIS WET-PIPE SPRINKLER SYSTEM INCLUDES THE FOLLOWING HYDRAULIC DEMAND: 250 GPM FOR INSIDE HOSE AND 750 GPM FOR OUTSIDE HOSE. DEMANDS: 2036.5 GPM @ 99.2 PSI FOR A DENSITY OF 0.3 GPM/SQ.FT.
2. THIS SPRINKLER SYSTEM HAS SPRINKLER HEADS WITH 1/2" ORIFICE AT A TEMPERATURE RATING OF 212°F AND CLOSED HEAD SPRAY NOZZLES WITH A 1/2" ORIFICE AT A TEMPERATURE RATING OF 175°F, WHICH INCLUDES THE FOLLOWING TYPE AND QUANTITY: UPRIGHT SSU - 26 HEADS; PENDENT SSP - 2 HEADS; NOZZLE EA-1 - 8 HEADS (WITH 65° DEFLECTOR).
3. ALL MPL NUMBERS ARE PRECEDED BY 2T43 UNLESS NOTED OTHERWISE.
4. SEE A-50396 FOR ANY VENDOR AND/OR CODE DEVIATIONS APPLICABLE TO THIS SPRINKLER SYSTEM.

REFERENCES:

A-50396	TRIM PIPING DETAILS
A-50394	HANGER DRAWINGS
A-50395	VENDOR DEVIATIONS AND CODE DEVIATIONS
B-24708	FIRE PROTECTION FCD N.E. WATER CURTAIN EL. 185'-0" SYSTEM NO. 2T43185W06
H-11902	EQUIPMENT LAYOUT DRAWING - FIRE DETECTION SUPPRESSION MULTIPLEX SYSTEM 2T43 REACTOR BUILDING EL. 185'-0"
H-21017	UNIT NO. 2 - REACTOR AND RADWASTE BUILDINGS - FIRE PROTECTION SYSTEM P&ID
H-50392	FIRE PROTECTION - PIPING - SYSTEM NO. 2T43185W06 - ISOMETRIC - FLOOR EL. 185'-0"
H-50393	FIRE PROTECTION - PIPING - SYSTEM NO. 2T43185W06 - PLAN - FLOOR EL. 185'-0"

BOUNDARY DIAGRAM NO.:2X43-B01-19
FUNCTION(S) NO.: 2X43-04
2X43-06
PREPARED BY: M D STEPHENS
DATE: 2/6/98
REVIEWED BY: ALEX MORRISON
DATE: 7/13/98

LICENSE RENEWAL DOCUMENT

MPL NO. 2T43

ACAD14 HL50276

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No.2
FIRE PROTECTION-P&ID-REACTOR BLDG.
FLOOR EL. 185'-0" EAST 185
WATER CURTAIN

Revision: A	Date: 11-08-99
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BY	CHK'D	APPR
TRM	MDS	ASK

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
TRM	LCF	10-502	HL-50276	A
DATE	SCALE None			