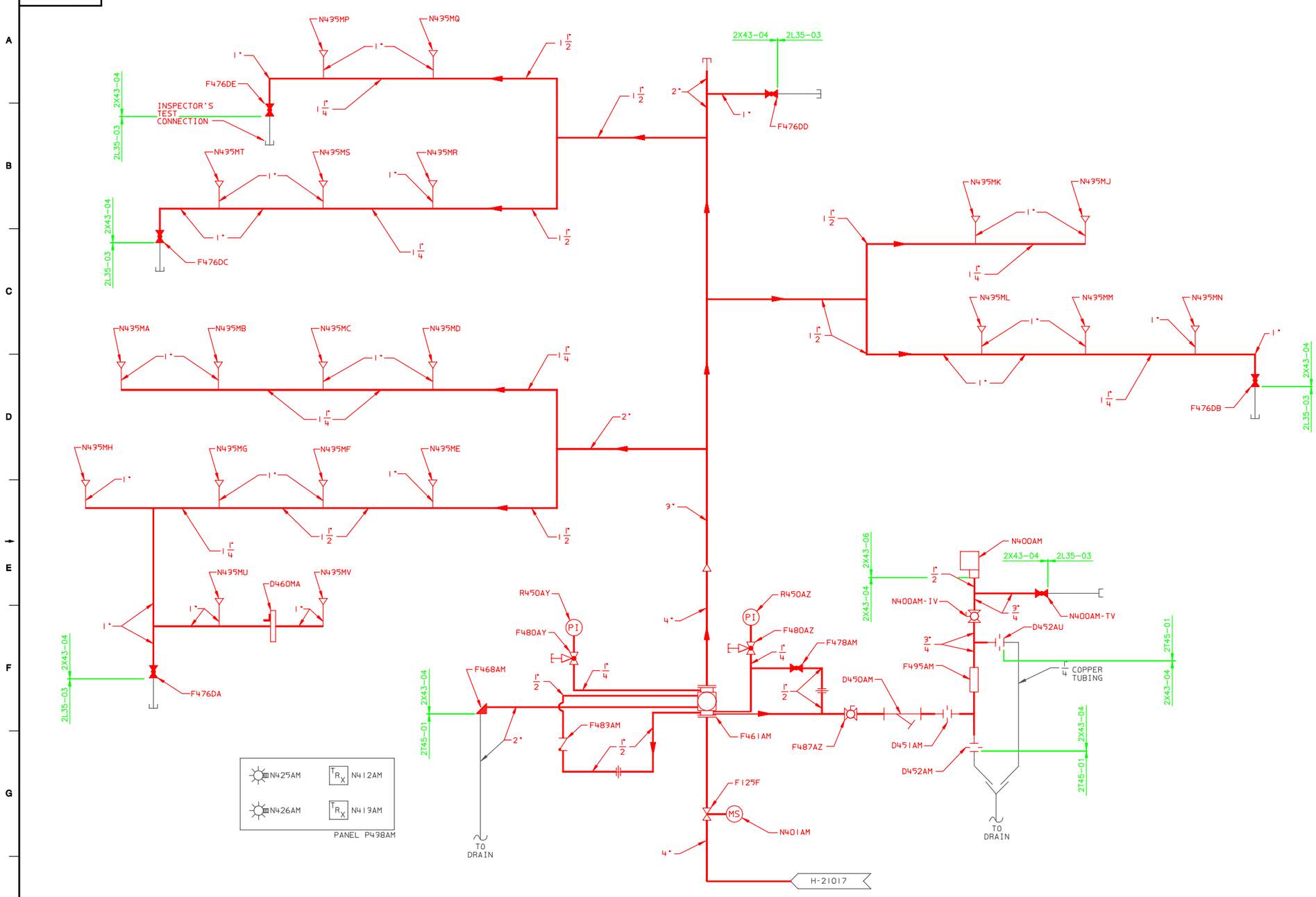
HL-50046



SYSTEM NO. 2T43185W04
EAST 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.)
- BAFFLE

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: 1533.8 GPM @ 95.2 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 INCLUDES THE FOLLOWING TYPE AND QUANTITY: UPRIGHT - 20 HEADS.
3. ALL MPL NUMBERS ARE PRECEDED BY 2T43 UNLESS NOTED OTHERWISE.
4. SEE A-50361 FOR ANY VENDOR AND/OR CODE DEVIATIONS APPLICABLE TO THIS SPRINKLER SYSTEM.

REFERENCES:

A-50360	HANGER DRAWINGS
A-50361	VENDOR DEVIATIONS AND CODE DEVIATIONS
B-24624	FIRE PROTECTION FCD EAST WATER CURTAIN EL. 185'-0" SYSTEM NO. 2T43185W04
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-50362	FIRE PROTECTION - PIPING - SYSTEM NO. 2T43185W04 - ISOMETRIC - FLOOR EL. 185'-0" EAST
H-50363	FIRE PROTECTION - PIPING - SYSTEM NO. 2T43185W04 - PLAN - FLOOR EL. 185'-0"

LICENSE RENEWAL DOCUMENT

MPL NO. 2T43 | ACAD14 | HL50046

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

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
TRM	LCF	10-502	HL-50046	A
DATE	SCALE None			

BOUNDARY DIAGRAM NO.:2X43-B01-17

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

Revision: A | Date: 10-21-99

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BY	CHK'D	APPR.1
TRM	MDS	ASK