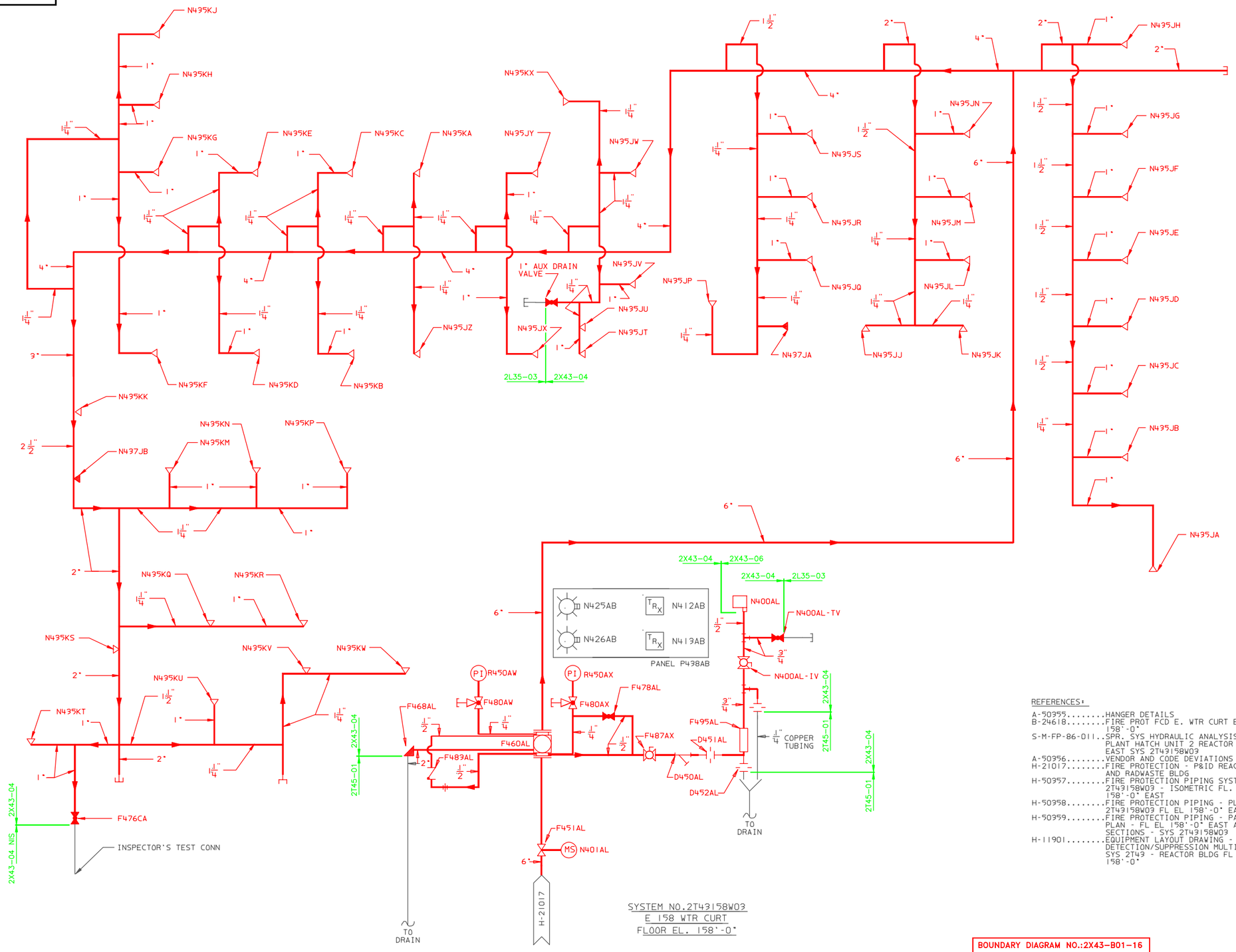
HL-50045



SYSTEM NO.2T43158W03
E 158 WTR CURT
FLOOR EL. 158'-0"

LEGEND:

- GLOBE VALVE (N.C.)
- GATE VALVE (N.O.)
- GATE VALVE (N.C.)
- ANGLE VALVE (N.C.)
- CHECK VALVE
- BALL VALVE (N.C.)
- BALL VALVE (N.O.)
- SIDE OUTLET GLOBE VALVE
- ALARM VALVE
- PENDENT SPRINKLER HEAD
- UPRIGHT SPRINKLER HEAD
- SPRINKLER W/CANOPY
- ORIFICE
- FLOW DIRECTION
- UNION
- STRAINER
- DRIP FUNNEL
- CAP
- PLUG
- CONCENTRIC REDUCER
- RETARD CHAMBER
- MS MONITOR SWITCH
- PI PRESSURE INDICATOR
- FIRE ALARM SWITCH
- T_{R_X} ADDRESSABLE INTERFACE MODULE
- INDICATING LIGHT

REFERENCES:

A-50355.....HANGER DETAILS
B-24618.....FIRE PROT FCD E. WTR CURT EL. 158'-0"
S-M-FP-86-011..SPR. SYS HYDRAULIC ANALYSIS FOR PLANT HATCH UNIT 2 REACTOR BLDG EAST SYS 2T43158W03
A-50356.....VENDOR AND CODE DEVIATIONS
H-21017.....FIRE PROTECTION - P&ID REACTOR AND RADWASTE BLDG
H-50357.....FIRE PROTECTION PIPING SYSTEM 2T43158W03 - ISOMETRIC FL. EL. 158'-0" EAST
H-50358.....FIRE PROTECTION PIPING - PLAN SYS 2T43158W03 FL EL 158'-0" EAST
H-50359.....FIRE PROTECTION PIPING - PARTIAL PLAN - FL EL 158'-0" EAST AND SECTIONS - SYS 2T43158W03
H-11901.....EQUIPMENT LAYOUT DRAWING - FIRE DETECTION/SUPPRESSION MULTIPLEX SYS 2T43 - REACTOR BLDG FL EL 158'-0"

NOTES:

1. THE DESIGN OF THIS WET-PIPE SPRINKLER SYSTEM INCLUDES THE FOLLOWING HYDRAULIC DEMAND,WHICH INCLUDES 250 GPM FOR INSIDE HOSE AND 750 GPM FOR OUTSIDE HOSE DEMANDS: 1381 GPM @ 99.1 PSI FOR A DENSITY OF 0.3 GPM/SQ.FT.
2. THE SPRINKLER SYSTEM HAS SPRINKLER HEADS WITH A 1/2 INCH ORIFICE AT A TEMPERATURE RATING OF 212 DEGREES FAHRENHEIT AND INCLUDES THE FOLLOWING TYPE AND QUALITY: UPRIGHT,SSU-45 HEADS PENDANT,SSP-2 HEADS.
3. ALL MPL NO.S TO BE PRECEEDED BY 2T43.

LICENSE RENEWAL DOCUMENT

MPL NO. 2T43

ACAD14	HL50045

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No.2
FIRE PROT. - P&ID - REACTOR BLDG
FL. EL. 158'-0" - EAST 158 WTR CURTAIN

BOUNDARY DIAGRAM NO.:2X43-B01-16

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

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
TRM	LCF	10-502	HL-50045	A
DATE	SCALE None			