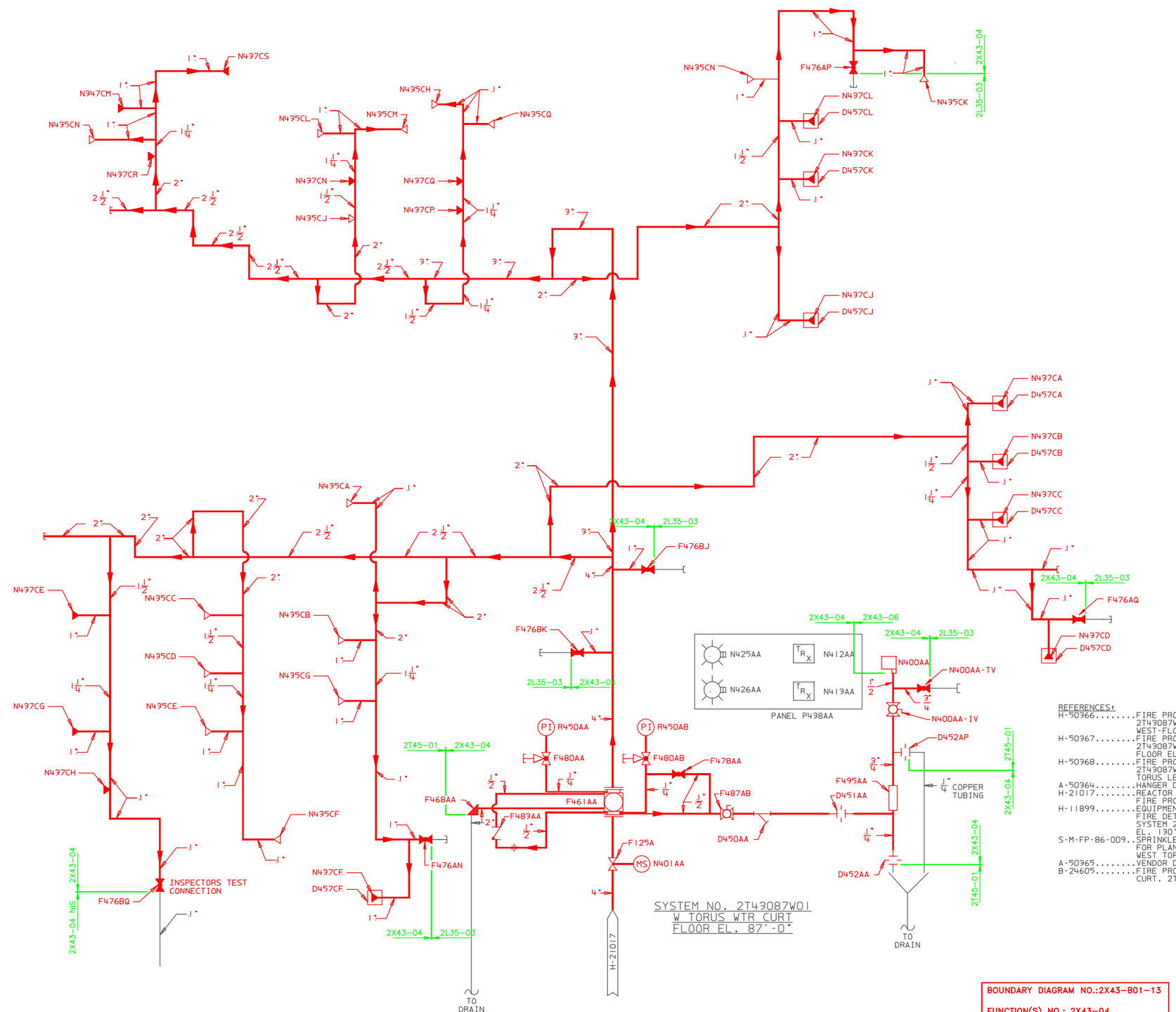
HL-50042



SYSTEM NO. 2T43087W01
W TORUS WTR CURT
FLOOR EL. 87'-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
- MONITOR SWITCH
- PRESSURE INDICATOR
- FIRE ALARM SWITCH
- ADDRESSABLE INTERFACE MODULE
- INDICATING LIGHT

REFERENCES:

H-50366.....FIRE PROTECTION-PIPING-SYSTEM 2T43087W01-ISOMETRIC TORUS LEVEL WEST-FLOOR EL. 87'-0"
H-50367.....FIRE PROTECTION-PIPING-SYSTEM 2T43087W01-PLAN TORUS LEVEL WEST FLOOR EL. 87'-0"
H-50368.....FIRE PROTECTION-PIPING-SYSTEM 2T43087W01-SECTIONS AND DETAILS TORUS LEVEL WEST-FLOOR EL. 87'-0"
A-50364.....HANGER DRAWINGS
H-21017.....REACTOR AND RADWASTE BLDG FIRE PROTECTION SYSTEM P&ID
H-11899.....EQUIPMENT LAYOUT DRAWINGS FIRE DETECTION/SUPPRESSION MULTIPLEX SYSTEM 2T43 REACTOR BLDG BELOW EL. 130'-0"
S-M-FP-86-009..SPRINKLER SYSTEM HYDRAULIC ANALYSIS FOR PLANT HATCH UNIT 2 REACTOR BLDG WEST TORUS WATER CURT. 2T43087W01
A-50365.....VENDOR DEVIATIONS AND CODE DEVIATIONS
B-24605.....FIRE PROTECTION FCD WEST TORUS WTR. CURT. 2T43087W01

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 DEMAND:1912 GPM AT 116.8 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 FARENHEIT AND INCLUDES THE FOLLOWING TYPE AND QUANTITY: UPRIGHT, SSU, 14 HEADS PENDENT, SSP, 17 HEADS
3. ALL MPL NUMBERS TO BE PRECEDED BY 2T43.

LICENSE RENEWAL DOCUMENT

BOUNDARY DIAGRAM NO.:2X43-B01-13
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: 10-22-99
APPROVED. ISSUED PER LICENSE RENEWAL BOUNDARY PACKAGES. DRAWING CREATED FROM H-50042, REV.1; BY TRM.	

BY	CHK'D	APPR'L
TRM	MDS	ASK

MPL NO. 2T43 | ACAD14 | HL50042

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No.2
FIRE PROT – P&ID – REACTOR BLDG
FL. EL. 87'-0"
WEST TORUS WATER CURTAIN

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
TRM	LCF	10-502	HL-50042	A
DATE	SCALE			
	None			