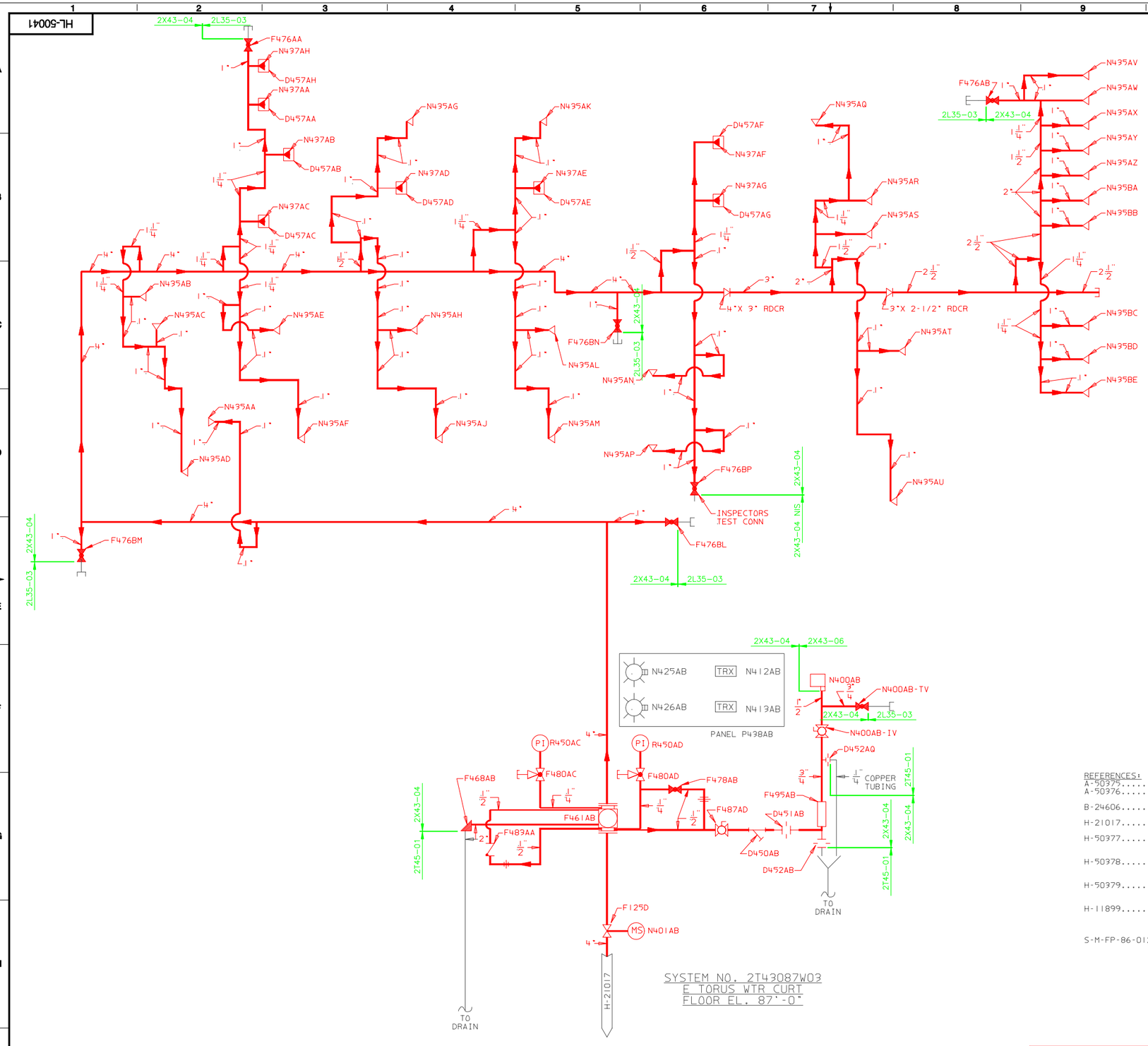

LEGEND:

- 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
- TRX ADRESSABLE INTERFACE MODULE

REFERENCES:

A-50375.....HANGER DWGS
A-50376.....VENDOR DEVIATIONS AND CODE DEVIATIONS
B-24606.....FIRE PROTECTION FCD-EAST TORUS WTR CURT EL. 87'-0" 2T43087W03
H-21017.....REACTOR AND RADWASTE BLDG-FIRE PROTECTION SYSTEM P&ID
H-50377.....FIRE PROTECTION-PIPING-SYSTEM 2T43087W03 ISOMETERIC TORUS LEVEL EL. 87'-0" EAST
H-50378.....FIRE PROTECTION-PIPING-SYSTEM 2T48087W03 ISOMETRIC TORUS LEVEL EL. 87'-0" EAST
H-50379.....FIRE PROTECTON-PIPING-SYSTEM 2T43087W03 PLAN AND SECTIONS TOTUS LEVEL EL. 87'-0" EAST
H-11899.....EQUIPMENT LAYOUT DRAWINGS FIRE DETECTION/SUPPRESSION MULTIPLEX SYSTEM 2T43 REACTOR BLDG BELOW EL. 130'-0"
S-M-FP-86-012..SPRINKLER SYSTEM HYDRAULIC ANALYSIS FOR PLANT HATCH UNIT 2 REACTOR BLDG EAST SYS 2T43087W03

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:2087.7 GPM @ 121.5 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 QUANTITY: UPRIGHT.SSU-29 HEADS PENDANT.SSP-8 HEADS.
3. SEE INQUIRY SS-6914-31 FOR PIPE CLASS.
4. ALL MPL NO.S TO BE PRECEEDED BY 2T43.
5. SEE A-50376 FOR ANY VENDOR AND/OR CODE DEVIATIONS APPLICABLE TO THIS SPRINKLER SYSTEM.

LICENSE RENEWAL DOCUMENT

MPL NO. 2T43 | ACAD14 | HL50041

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"
EAST TORUS WATER CURTAIN

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
TRM	LCF	10-502	HL-50041	A
DATE	SCALE: None			

BOUNDARY DIAGRAM NO.:2X43-B01-12

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

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BY	CHK'D	APPR.1
TRM	MDS	ASK