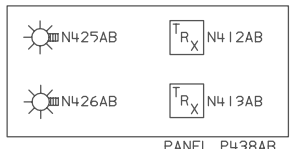
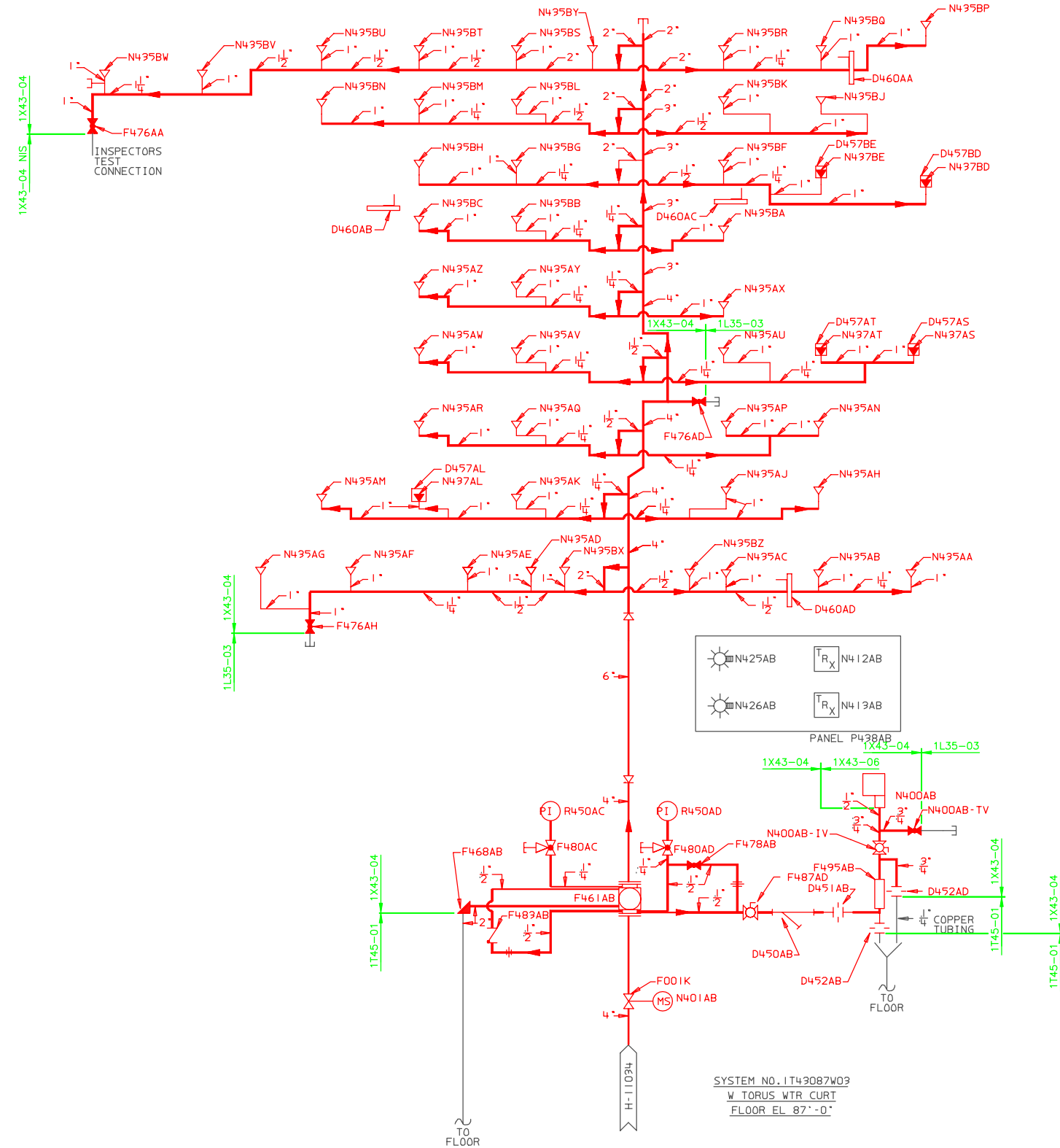


A  
B  
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J



SYSTEM NO. 1T43087W03  
 W TORUS WTR CURT  
 FLOOR EL. 87'-0"

- LEGEND:
- 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
  - UPRIGHT SPRINKLER HEAD (CLOSED)
  - SPRINKLER HEAD WITH CANOPY (CLOSED)
  - ORFICE
  - FLOW DIRECTION
  - UNION
  - STRAINER
  - DRIP FUNNEL
  - CAP
  - PLUG
  - CONCENTRIC REDUCER
  - RETARD CHAMBER
  - MONITOR SWITCH
  - PRESSURE INDICATOR
  - PRESSURE SWITCH
  - GLOBE VALVE (N.C.)
  - SPRINKLER HEAD WITH CANOPY (CLOSED)
  - BAFFLE

- NOTES:
- THE DESIGN OF THIS WET-TYPE SPRINKLER SYSTEM INCLUDES THE FOLLOWING HYDRAULIC DEMAND, WHICH INCLUDES 250 GPM FOR INSIDE HOSE AND 750 GPM FOR OUTSIDE HOSE. DEMANDS: 2308.8 GPM @108.9 PSI FOR A DENSITY OF 0.3 GPM/SQ.FT.
  - 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, SSU-43 HEADS; PENDENT, SSP-5 HEADS.
  - ALL MPL NO.5 TO BE PRECEDED BY 1T49.

- REFERENCES:
- A-42141 HANGER DRAWINGS
  - A-42142 VENDOR DEVIATIONS AND CODE DEVIATIONS
  - H-11034 FIRE PROTECTION-P&ID REACTOR AND RAD-WASTE BUILDINGS.
  - H-42143 FIRE PROTECTION PIPING-SYS 1T43087W03-ISOMETRIC-TORUS LEVEL WEST, FLOOR EL.87'-0"
  - H-42144 FIRE PROTECTION PIPING-SYS 1T43087W03-PLAN-TORUS LEVEL WEST, FLOOR EL.87'-0"
  - H-11867 EQUIPMENT LAYOUT DRAWING FIRE DETECTION/SUPPRESSION MULTIPLEX SYSTEM 1T49, REACTOR BUILDING BELOW EL.130'-0"
  - B-11808 FIRE PROTECTION FCD WEST TORUS WTR CURT SYS. 1T43087W03.

LICENSE RENEWAL DOCUMENT

MPL NO. 1T43 ACAD14 HL40391

**SOUTHERN COMPANY**

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No.1  
 FIRE PROT. - P&ID - REACTOR BLDG - FL EL. 87'-0" - WEST TORUS WATER CURTAIN

BOUNDARY DIAGRAM NO.:1X43-B01-24

FUNCTION(S) NO.: 1X43-04  
 1X43-06  
 PREPARED BY: M D STEPHENS  
 DATE: 2/5/98  
 REVIEWED BY: ALEX MORRISON  
 DATE: 7/13/98

Revision: A Date: 10-14-99  
 APPROVED, ISSUED PER LICENSE RENEWAL BOUNDARY PACKAGES. DRAWING CREATED FROM H-40391, REV.2; BY TRM.

BY	CHK'D	APPR'D	LOCATION	DOCUMENT NUMBER	REVISION
TRM	LCF		10-502	HL-40391	A
DATE	SCALE				
TRM	MDS	ASK			