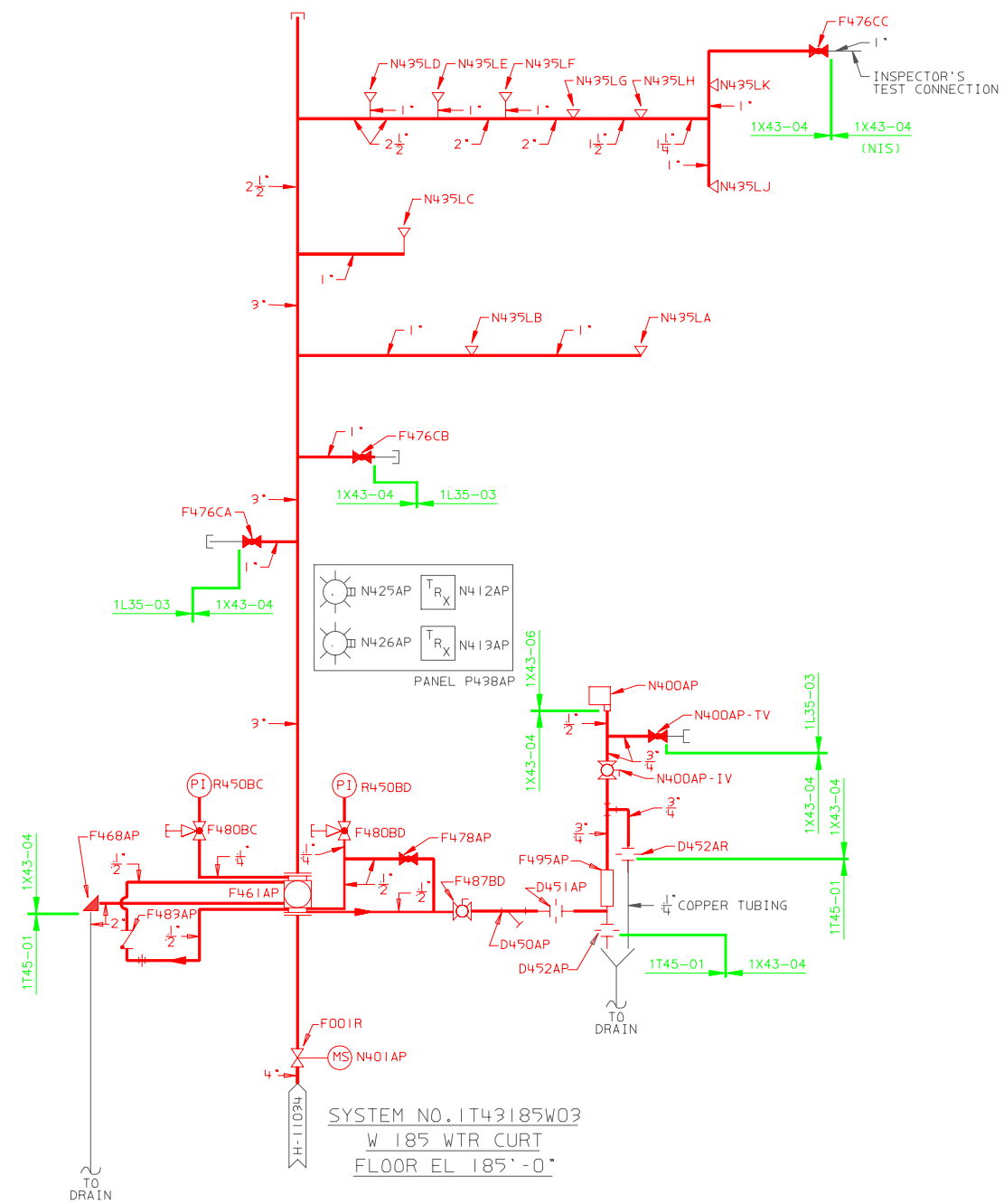


A  
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J

- 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
  - RETARD CHAMBER
  - MONITOR SWITCH
  - PRESSURE INDICATOR
  - PRESSURE SWITCH
  - INDICATING LIGHT
  - ADDRESSABLE INTERFACE MODULE

- 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: 1285.5 GPM @ 94.0 PSI FOR A DENSITY OF 0.3 GPM/50 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-10 HEADS.
  3. ALL MPL NUMBERS TO BE PRECEDED BY IT49.

- REFERENCES:**
- A-42124----- HANGER DRAWINGS
  - A-42125----- VENDOR DEVIATIONS AND CODE DEVIATIONS
  - B-11845----- FIRE PROTECTION FCD-WEST 185 WATER CURTAIN-IT43185W03
  - H-11094----- FIRE PROTECTION-P&ID REACTOR AND RADWASTE BUILDINGS
  - H-11870----- EQUIPMENT LAYOUT DRAWINGS, FIRE DETECTION/SUPPRESSION MULTIPLEX SYSTEM IT49 REACTOR BUILDING EL. 185'-0"
  - H-42126----- FIRE PROTECTION PIPING-SYSTEM IT43185W03-ISOMETRIC-FLOOR EL. 185'-0"-SOUTHWEST
  - H-42127----- FIRE PROTECTION PIPING-SYSTEM IT43185W03-PLAN AT EL. 185'-0"-SOUTHWEST



**BOUNDARY DIAGRAM NO.: 1X43-B01-30**  
**FUNCTION(S) NO.: 1X43-04, 1X43-06**  
 PREPARED BY: M. D. Stephens  
 DATE: 02/05/98  
 REVIEWED BY: Alex Morrison  
 DATE: 07/13/98

LICENSE RENEWAL DOCUMENT

MPL NO. T43 ACAD14 HL40397

**SOUTHERN COMPANY**

**LICENSE RENEWAL SCREENING FOR INFORMATION ONLY**

EDWIN I. HATCH NUCLEAR PLANT UNIT No. 1  
 FIRE PROT. - P&ID - REACTOR BLDG.  
 FL. EL. 185'-0" - WEST  
 185 WATER CURTAIN

Revision: A	Date: 10-14-99
APPROVED. ISSUED PER LICENSE RENEWAL BOUNDARY PACKAGES. DRAWING CREATED FORM HL-40397 SH. 1, REV 1; BY BKN	
BY: BKN	DATE: 10-14-99
CHK'D: MDS	DATE: 10-14-99
APPR'D: ASK	DATE: 10-14-99

BY	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
BKN	LCF	10-502	HL-40397	A
BKN	SCALE	None		