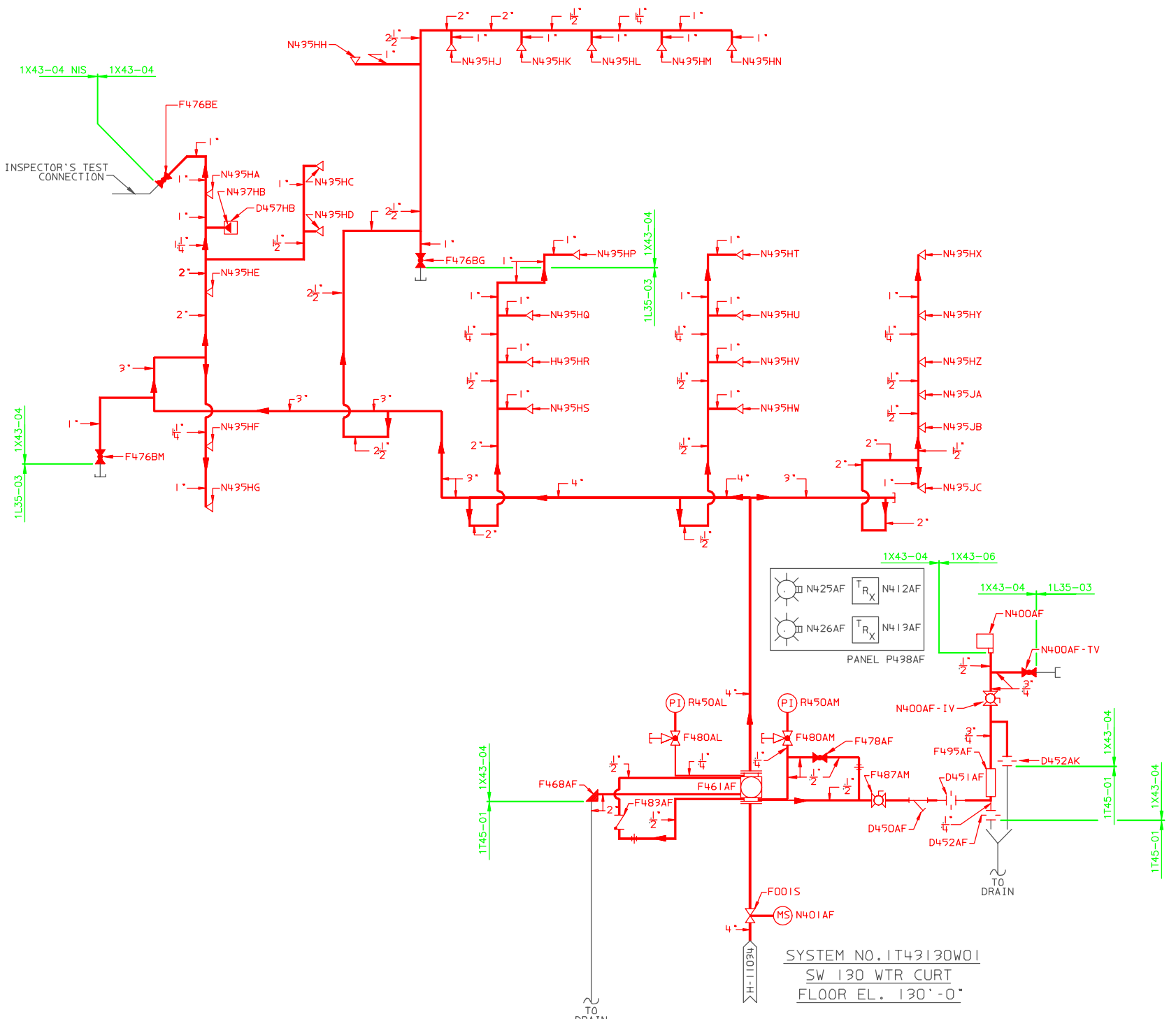


A  
B  
C  
D  
E  
F  
G  
H  
J



- LEGEND:**
- GATE VALVE (N.O.)
  - GATE VALVE (N.C.)
  - ANGLE VALVE (N.C.)
  - CHECK VALVE
  - BALL VALVE (N.C.)
  - BALL VALVE (N.O.)
  - SIDE OULET GLOBE VALVE
  - ALARM VALVE
  - PENDANT SPRINKLER HEAD
  - UPRIGHT SPRINKLER HEAD
  - SPRINKLER CANOPY
  - ORFICE
  - FLOW DIRECTION
  - UNION
  - STRAINER
  - DRAIN FUNNEL
  - CAP
  - PLUG
  - RETARD CHAMBER
  - MONITOR SWITCH
  - PRESSURE INDICATOR
  - FIRE ALARM SWITCH
  - GLOBE VALVE (N.C.)
  - 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: 1782.5 GPM @ 78.4 PSI FOR A DENSITY OF 0.3 GPM/SQ FT.
  2. THIS SPRINKLER SYSTEM HAS SPRINKLER HEADS WITH A 1/2 INCH ORFICE AT A TEMPERATURE RATING OF 212 DEGREES FAHRENHEIT AND INCLUDES THE FOLLOWING TYPE AND QUANTITY: UPRIGHT 55U-25 HEADS; PENDANT SSP-1 HEAD.
  3. ALL MPL NUMBERS TO BE PRECEDED BY IT43.

- REFERENCES:**
- A-42197----- HANGER DRAWINGS-SYSTEM IT43190W01
  - A-42198----- VENDOR DEVIATIONS AND CODE DEVIATIONS
  - H-11094----- FIRE PROTECTION P&ID-REACTOR AND RADWASTE BUILDINGS
  - H-11868----- EQUIPMENT LAYOUT DRAWINGS, FIRE PROTECTION/SUPPRESSION MULTIPLEX SYSTEM IT43 REACTOR BUILDING EL. 130'-0"
  - H-42199----- SYSTEM IT43190W01-ISOMETRIC FLOOR EL. 130'-0" SOUTHWEST FL EL. 158'-0"
  - H-42140----- PIPING-SYSTEM IT43190W01-PLAN AND SECTIONS EL. 130'-0" SOUTHWEST

SYSTEM NO. IT43190W01  
SW 130 WTR CURT  
FLOOR EL. 130'-0"

BOUNDARY DIAGRAM NO.: 1X43-B01-27  
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: 10-26-99  
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MPL NO. 1T43 ACAD14 HL40394

**SOUTHERN COMPANY**

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EDWIN I. HATCH NUCLEAR PLANT UNIT No. 1  
FIRE PROT - P&ID - REACTOR BLDG  
FL. EL. 130'-0"  
SW 130 WATER CURTAIN

BY	CHK'D	APPR'L	LOCATION	DOCUMENT NUMBER	REVISION
TRM	LCF		10-502	HL-40394	A
DATE	SCALE				
TRM	MDS	ASK			