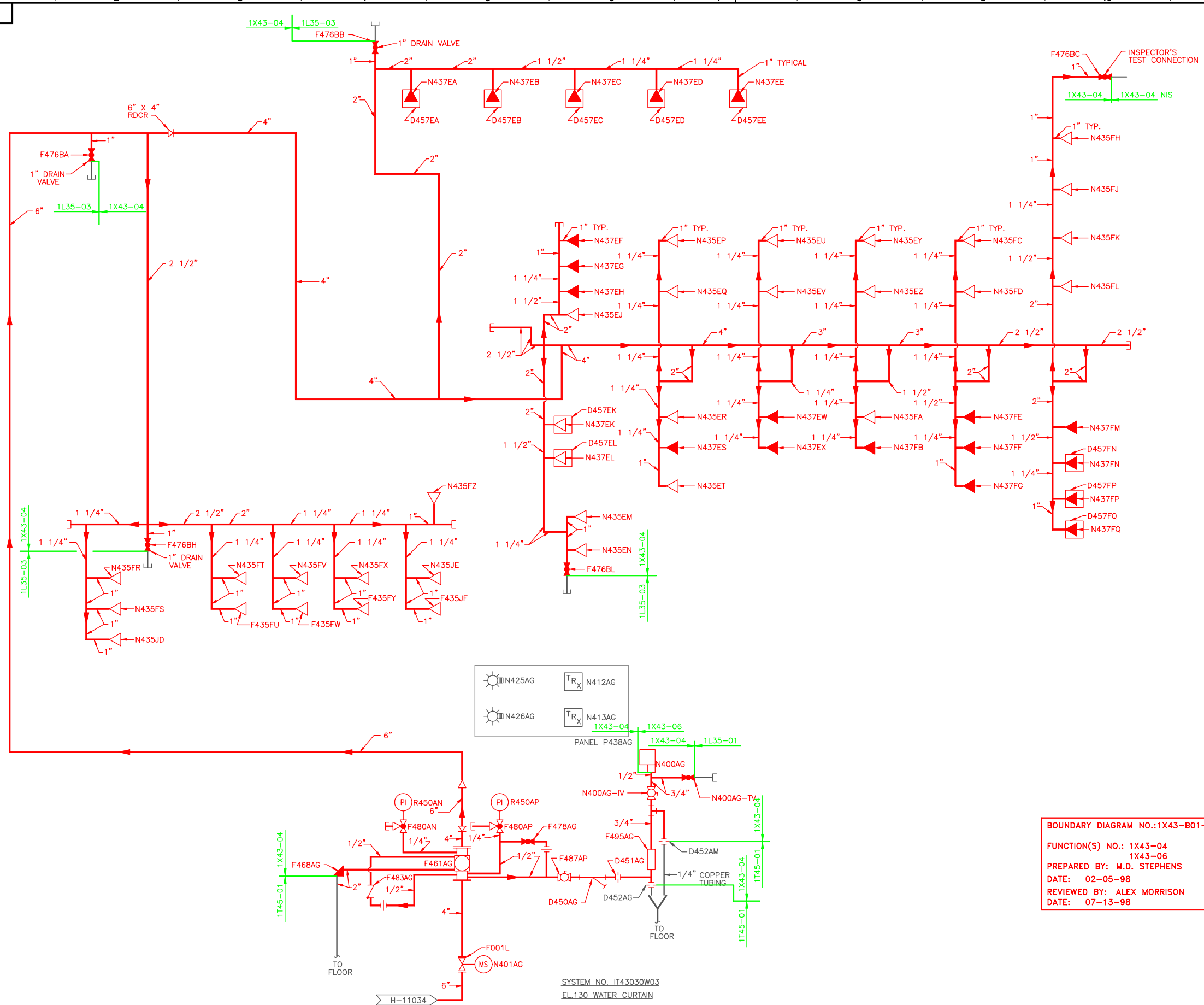


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J



- LEGEND**
- PRESSURE SWITCH
  - PRESSURE INDICATOR
  - MONITOR SWITCH
  - INDICATING LIGHT
  - GLOBE VALVE (N.C.)
  - ANGLE GLOBE VALVE (N.C.)
  - STRAINER
  - ORIFICE
  - CHECK VALVE
  - GATE VALVE (N.O.)
  - BALL VALVE (N.O.)
  - SIDE OUTLET GLOBE VALVE (N.O.)
  - UPRIGHT SPRINKLER HEAD (N.C.)
  - PENDENT SPRINKLER HEAD (N.C.)
  - UNION
  - ALARM VALVE
  - DRAIN FUNNEL
  - CAP
  - RETARD CHAMBER
  - PLUG
  - SPRINKLER WITH CANOPY
  - CONCENTRIC REDUCER
  - ADDRESSABLE INTERFACE MODULE
  - GATE VALVE (N.C.)
  - BALL VALVE (N.C.)

- NOTES:**
- 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: 2428.3 GPM @ 116.9 PSI FOR A DENSITY OF 0.3 GPM/SQ. FT.
  - THIS SPRINKLER SYSTEM HAS SPRINKLER HEADS WITH A 1/2 INCH ORIFICE AT A TEMPERATURE RATING OF 212 DEGREES FAHRENHEIT AND INCLUDE THE FOLLOWING TYPE AND QUANTITY: UPRIGHT, SSU-31 HEADS; PENDENT, SSP-19 HEADS.
  - ALL MPL NO.S TO BE PRECEDED BY 1T43

- REFERENCES:**
- H-42120 FIRE PROTECTION PIPING-SYSTEM IT43130W03-ISOMETRIC- EAST FLOOR EL. 130'-0"
  - H-42121 FIRE PROTECTION PIPING-SYSTEM IT43130W03-ISOMETRIC- EAST FLOOR EL. 130'-0"
  - H-42122 FIRE PROTECTION PIPING SYSTEM IT43130W03-PLAN EAST FLOOR EL. 130'-0"
  - H-42123 FIRE PROTECTION PIPING SYSTEM IT43130W03-PLAN EAST FLOOR EL. 130'-0"
  - H-11034 FIRE PROTECTION-P&ID REACTOR & RADWASTE BUILDINGS.
  - H-11868 EQUIPMENT LAYOUT DRAWINGS, FIRE DETECTION/SUPPRESSION MULTIPLEX SYSTEM IT43-REACTOR BUILDING EL. 130'-0"
  - B-11818 FIRE PROTECTION FCD E EL. 130'-0". WTR. CURT. IT43130W03
  - A-42118 HANGER DRAWINGS
  - A-42119 VENDOR DEVIATIONS AND CODE DEVIATIONS.

**BOUNDARY DIAGRAM NO.: 1X43-B01-25**

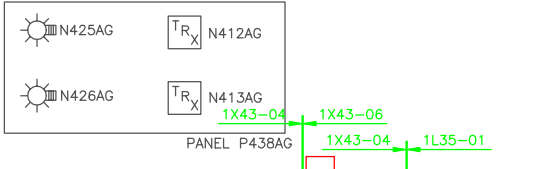
**FUNCTION(S) NO.: 1X43-04  
1X43-06**

**PREPARED BY: M.D. STEPHENS**

**DATE: 02-05-98**

**REVIEWED BY: ALEX MORRISON**

**DATE: 07-13-98**



SYSTEM NO. IT43030W03  
EL.130 WATER CURTAIN  
FLOOR EL. 130'-0"

**LICENSE RENEWAL DOCUMENT**

MPL. NO. 1T43 ACAD14 HL40392

**SOUTHERN COMPANY**

**LICENSE RENEWAL SCREENING FOR INFORMATION ONLY**

Revision: A Date: 12-29-99  
APPROVED, ISSUED PER LICENSE RENEWAL BOUNDARY PACKAGES DRAWING CREATED FROM H-40392, REV. 3; BY ECB

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

DATE	BY	CHK'D	APP'D	LOCATION	DOCUMENT NUMBER	REVISION
02-05-98	ECB	LCF				
07-13-98	ECB	MDS	ASK			

10-502 HL-40392 A