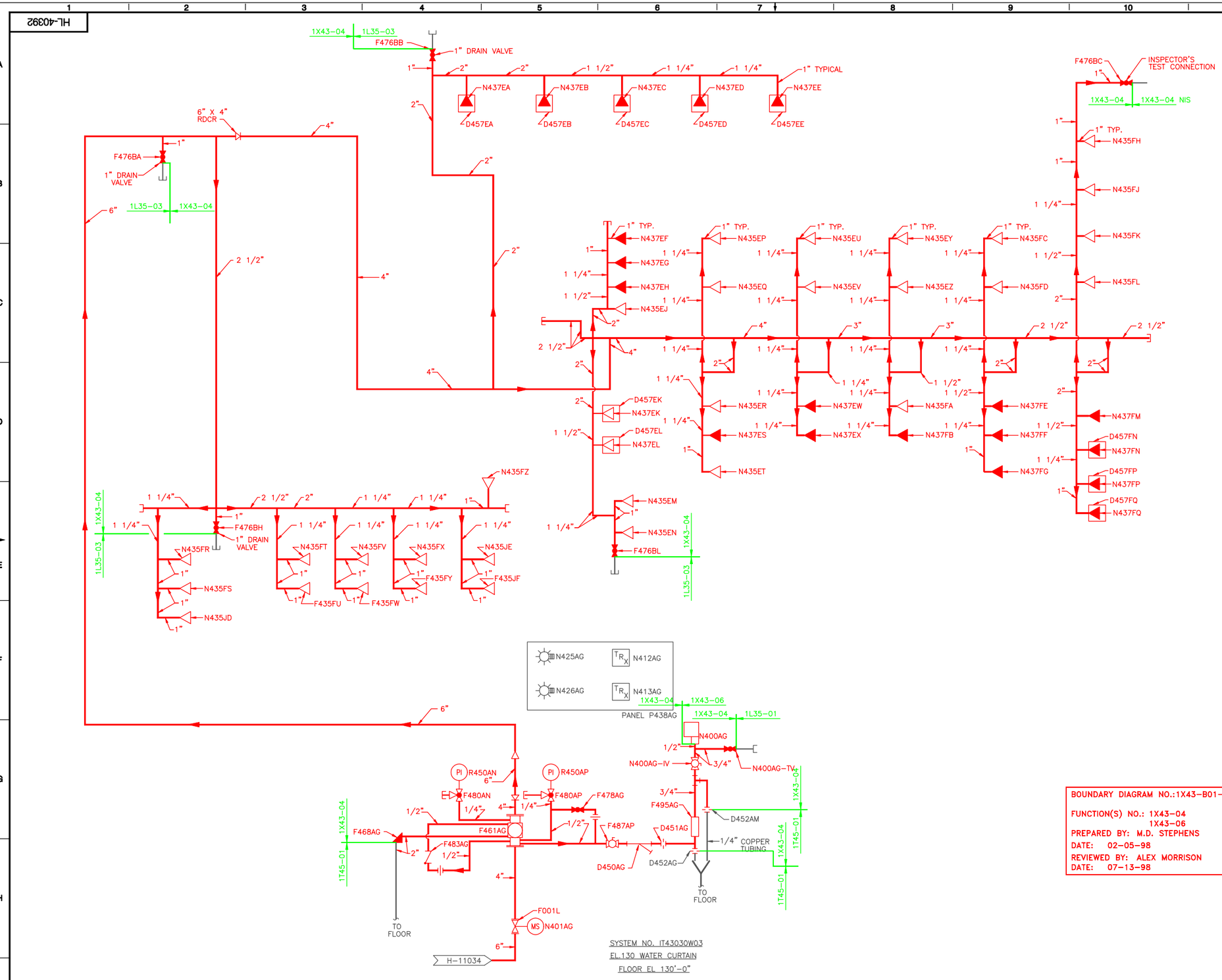

LEGEND

- PRESSURE SWITCH
- PI — PRESSURE INDICATOR
- MS — MONITOR SWITCH
- INDICATING LIGHT
- GLOBE VALVE (N.C.)
- ANGLE GLOBE VALVE (NC)
- 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
- DRIP FUNNEL
- CAP
- RETARD CHAMBER
- PLUG
- SPRINKLER WITH CANOPY
- CONCENTRIC REDUCER
- T_{R_X} — ADDRESSABLE INTERFACE MODULE
- GATE VALVE (N.C.)
- BALL VALVE (N.C.)

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: 2428.3 GPM @ 116.9 PSI FOR A DENSITY OF 0.3 GPM/SQ. FT.
2. 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.
3. 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

LICENSE RENEWAL DOCUMENT

MPL. NO. 1T43

ACAD14	HL40392

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

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

Revision: A	Date: 12-29-99

APPROVED. ISSUED PER LICENSE RENEWAL BOUNDARY PACKAGES DRAWING CREATED FROM H-40392, REV. 3; BY ECB

BY	CHK'D	APPR.
ECB	MDS	ASK

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
ECB	LCF	10-502	HL-40392	A
DATE	SCALE None			