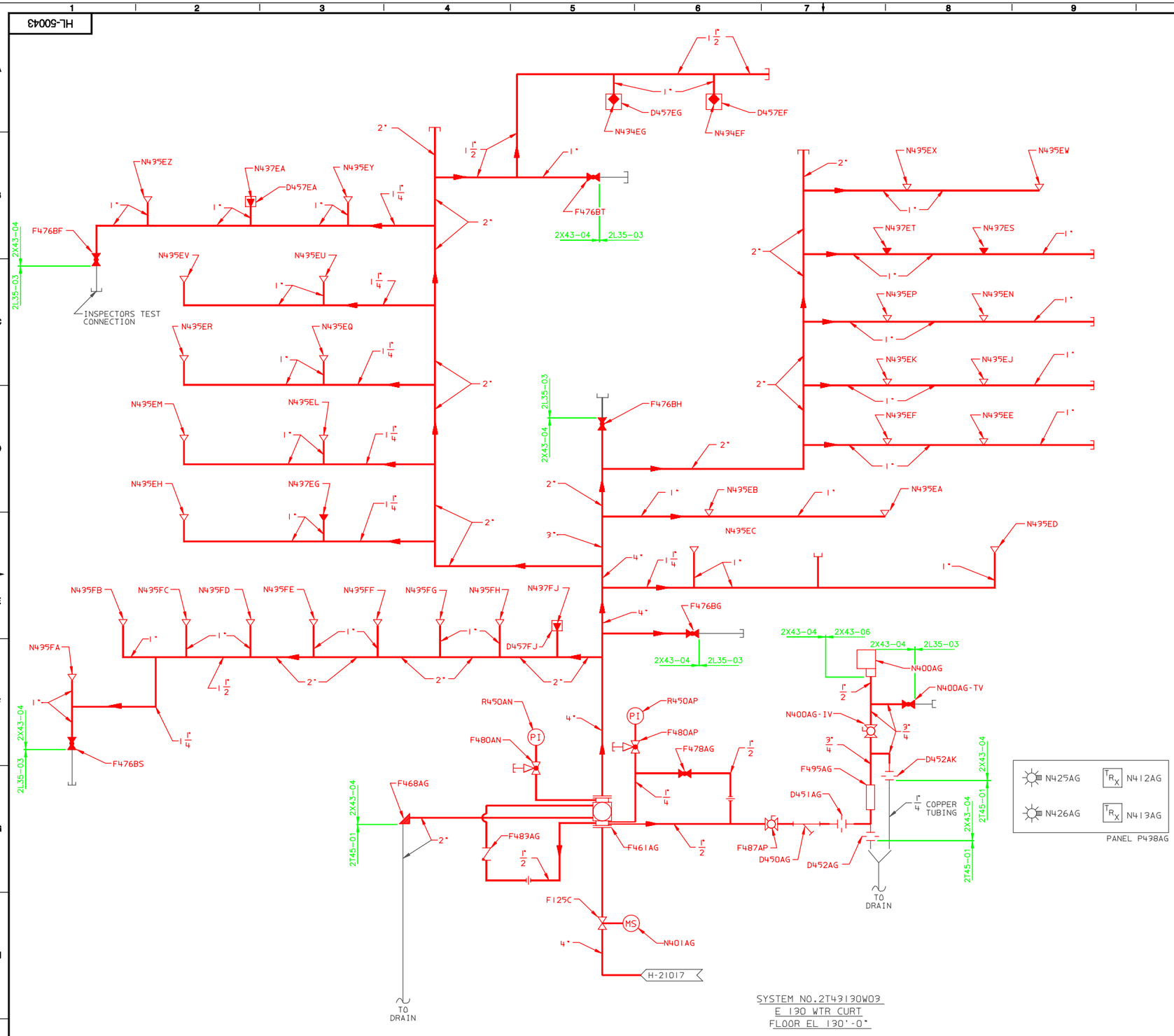
HL-50043




SYSTEM NO.2T43130W03
E 130 WTR CURT
FLOOR EL 130'-0"

LEGEND:

- PRESSURE SWITCH
- PRESSURE INDICATOR
- 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
- EA-1 NOZZLE W/65° DEFLECTOR (TEMP. RATING OF 175°)
- DRIP FUNNEL
- CAP
- RETARD CHAMBER
- PLUG
- SPRINKLER WITH CANOPY
- CONCENTRIC REDUCER
- 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 2017.2 GPM AT 103.7 PSI FOR A DENSITY OF 0.3 GPM/SQ. FT.
2. THIS SPRINKLER SYSTEM HAS SPRINKLER HEADS WITH 1/2" ORIFICE AT A TEMPERATURE RATING OF 212 F AND INCLUDES THE FOLLOWING TYPE AND QUANITY: UPRIGHT, SSU-29 HEADS; PENDENT, SSP-5 HEADS.
3. ALL MPL NUMBERS ARE PRECEDED BY 2T43 UNLESS OTHERWISE NOTED.

REFERENCES:

| | |
|---|---|
| A-50388 | HANGER DRAWINGS |
| A-50594 | TRIM PIPING DETAIL |
| A-50389 | VENDOR DEVIATIONS AND CODE DEVIATIONS |
| B-24614 | FIRE PROTECTION - FCD EAST WTR. CURT. EL. 130'-0" - SYSTEM 2T43130W03 |
| H-11900 | EQUIPMENT LAYOUT DRAWINGS - FIRE DETECTION/SUPPRESSION MULTIPLEX SYSTEM 2T43 - REACTOR BUILDING EL. 130'-0" |
| H-21017 | FIRE PROTECTION - P&ID - REACTOR AND RADWASTE BUILDINGS |
| H-50385 | FIRE PROTECTION - PPG - SYS 2T43130W03 ISOMETRIC - FLOOR EL. 130'-0" |
| H-50386 | FIRE PROTECTION - PPG - SYS 2T43130W03 PLAN - EAST FLOOR EL. 130'-0" |
| H-50387 | FIRE PROTECTION - PPG - SYS 2T43130W03 PLAN - FLOOR EL. 130'-0" |

LICENSE RENEWAL DOCUMENT

MPL NO. 2T42 | ACAD14 | HL50043

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No.2
FIRE PROT – P&ID – REACTOR BLDG
FL. EL. 130'-0" – EAST 130
WATER CURTAIN

| DRAWN | DESIGNED | LOCATION | DOCUMENT NUMBER | REVISION |
|---|---|---|---|---|
| TRM | LCF | 10-502 | HL-50043 | A |
| DATE | SCALE None | | | |

BOUNDARY DIAGRAM NO.:2X43-B01-14
FUNCTION(S) NO.: 2X43-04
2X43-06
PREPARED BY: M D STEPHENS
DATE: 2/6/98
REVIEWED BY: ALEX MORRISON
DATE: 7/13/98

Revision: A | Date: 10-21-99

APPROVED. ISSUED PER LICENSE RENEWAL BOUNDARY PACKAGES. DRAWING CREATED FROM H-50043, REV.1; BY TRM.

| BY | CHK'D | APPR.1 |
|---|---|---|
| TRM | MDS | ASK |