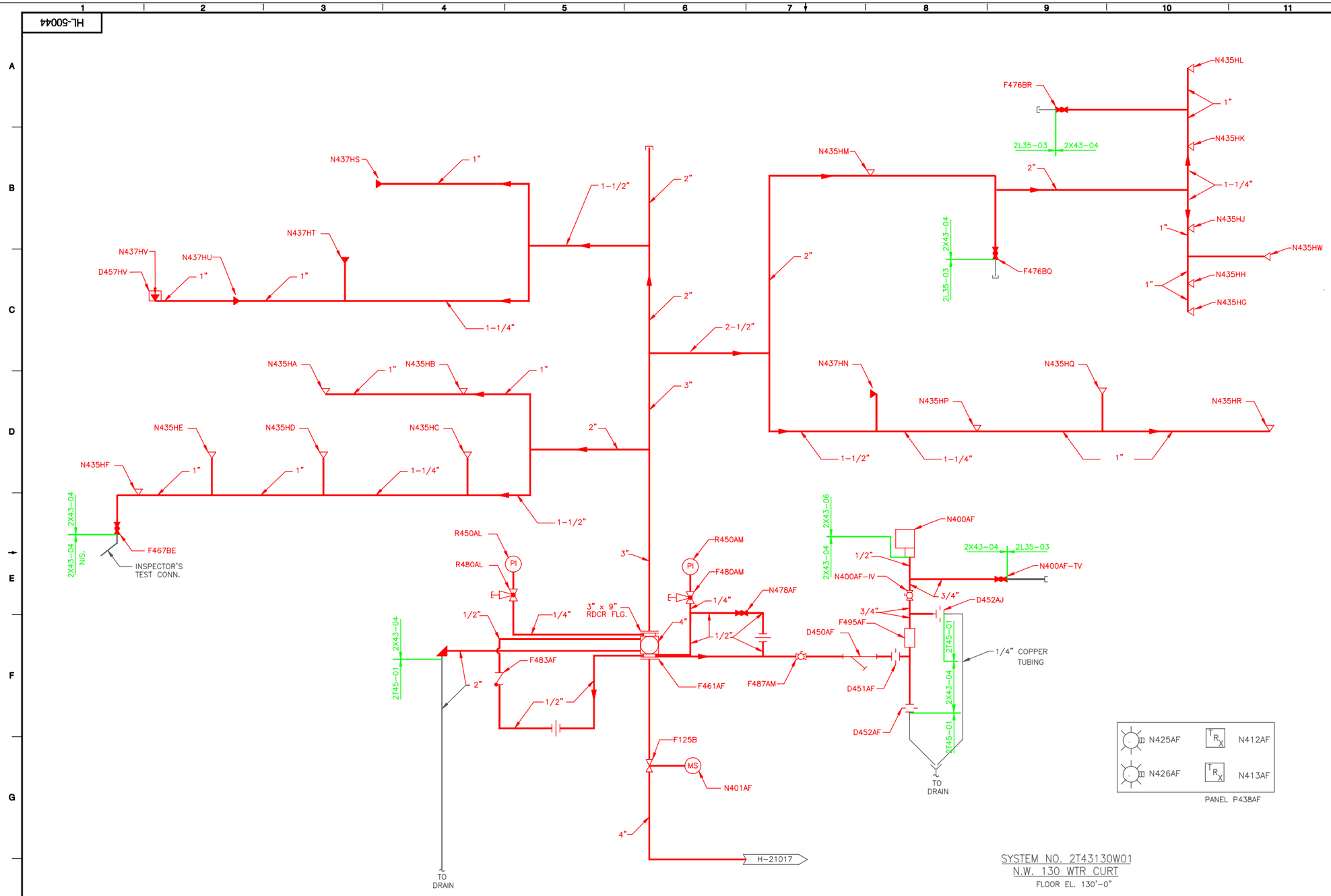
HL-50044



SYSTEM NO. 2T43130W01
N.W. 130 WTR CURT
FLOOR EL. 130'-0"

PANEL P438AF

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 VAVLE (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 W/CANOPY
- CONCENTRIC REDUCER
- ADDRESSABLE INTERFACE MODULE

NOTES:

1. THE DESIGN OF THIS WET-PIPE SPRINKLER SYSTEM INCLUDES THE FOLLOWING HYDRAULIC DEMAND: 250 GPM FOR INSIDE HOSE AND 750 GPM FOR OUTSIDE HOSE. DEMANDS: 1668.4 GPM @118.4 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 QUANTITY: UPRIGHT. SSU-15 HEADS: PENDENT. SSP-5 HEADS.
3. ALL MPL NUMBERS ARE PRECEEDED BY 2T43 UNLESS NOTED OTHERWISE.
4. SEE A-50372 FOR ANY VENDOR AND/OR CODE DEVIATIONS APPLICABLE TO THIS SPRINKLER SYSTEM.

REFERENCES:

A-50371	HANGER DRAWINGS
A-50372	VENDOR DEVIATIONS AND CODE DEVIATIONS
B-24613	FIRE PROTECTION FCD N.W. WTR. CURT. EL. 130'-0" SYS. NO. 2T43130W01
H-11900	EQUIPMENT LAYOUT DRAWINGS - FIRE DETECTION SUPPRESSION MULTIPLEX SYSTEM 2T43 REACTOR BUILDING EL. 130'-0"
H-21017	REACTOR AND RADWASTE BUILDING - FIRE PROTECTION SYSTEM - P&ID
H-50373	FIRE PROTECTION PIPING - SYSTEM 2T43130W01 ISOMETRIC - FLOOR EL. 130'-0"
H-50374	FIRE PROTECTION PIPING - SYSTEM 2T43130W01 PLAN AND SECTIONS - FLOOR EL. 130'-0"

LICENSE RENEWAL DOCUMENT

MPL NO. 2T43

ACAD14 | HL50044

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

BOUNDARY DIAGRAM NO.:2X43-B01-15
FUNCTION(S) NO.: 2X43-04
2X43-06
PREPARED BY: M. D. STEPHENS
DATE: 02-06-98
REVIEWED BY: ALEX MORRISON
DATE: 07-13-98

Revision: A | Date: 1-4-2000

APPROVED. ISSUED PER LICENSE RENEWAL BOUNDARY PACKAGES. DRAWING CREATED FROM H-50044, REV. 1; BY ECB.

BY	CHK'D	APPR
ECB	MDS	ASK

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

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
ECB	LCF	10-502	HL-50044	A
DATE	SCALE			