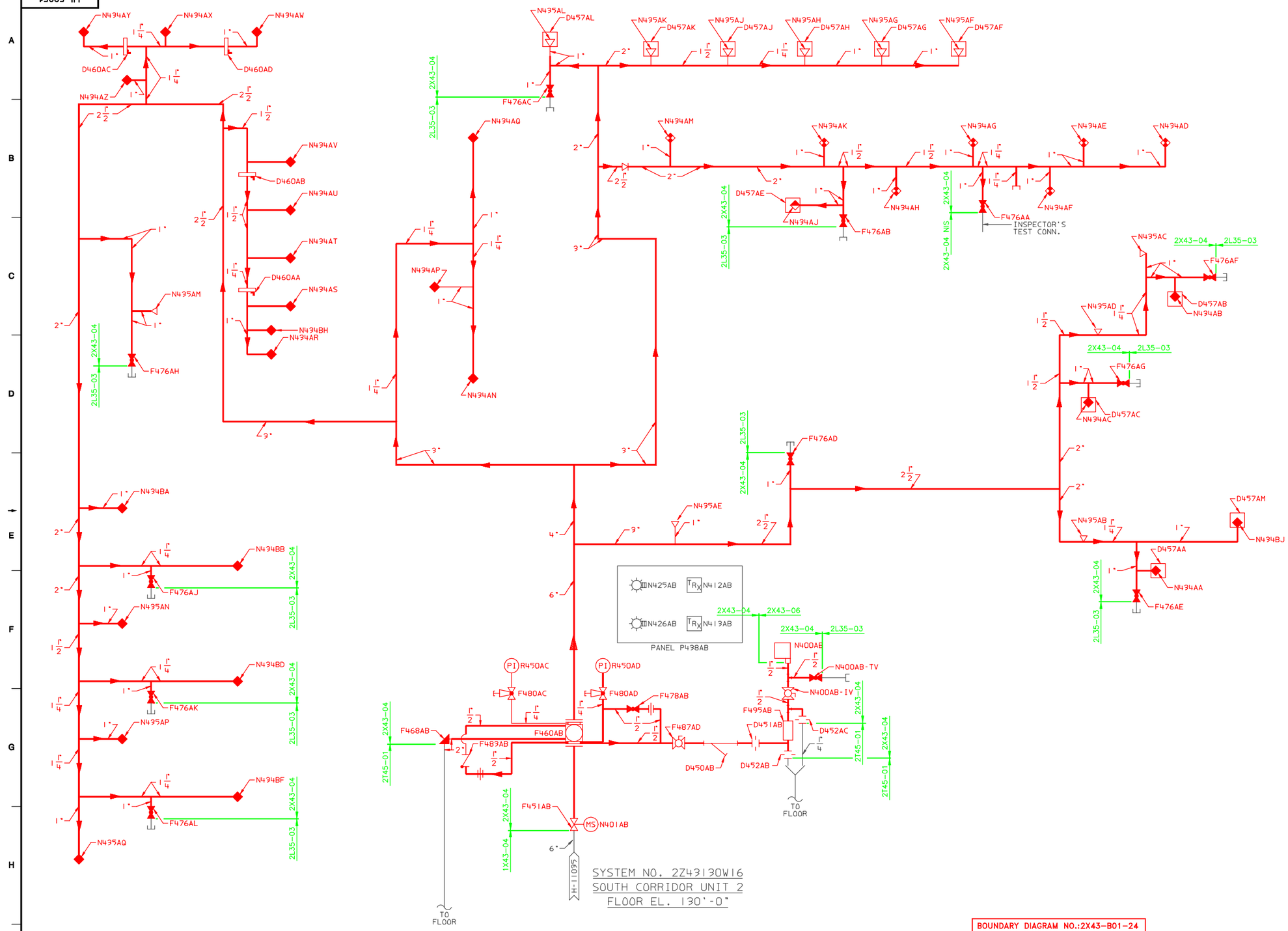
HL-50051



LEGEND:

- GLOBE VALVE (N.C.)
- GATE VALVE (N.O.)
- GATE VALVE (N.C.)
- ANGLE VALVE (N.C.)
- CHECK VALVE
- BALL VALVE (N.C.)
- BALL VALVE (N.O.)
- SIDE OUTLET GLOBE VALVE
- ALARM VALVE
- PENDENT SPRINKLER HEAD
- UPRIGHT SPRINKLER HEAD
- SPRINKLER W/CANOPY
- ORIFICE
- FLOW DIRECTION
- UNION
- STRAINER
- DRIP FUNNEL
- PRESSURE SWITCH
- PLUG
- CONCENTRIC REDUCER
- RETARD CHAMBER
- MONITOR SWITCH
- PRESSURE INDICATOR
- CAP
- EA-1 NOZZLE W/180° DEFLECTOR
- EA-1 NOZZLE W/160° DEFLECTOR
- EA-1 NOZZLE W/80° DEFLECTOR
- ADDRESSABLE INTERFACE MODULE
- INDICATING LIGHT
- BAFFLE

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: 2409.6 GPM @ 107 PSI FOR A DENSITY OF 0.3 GPM/SQ.FT.
2. THE SPRINKLER SYSTEM HAS SPRINKLER HEADS WITH A 1/2 INCH ORIFICE AT A TEMPERATURE RATING OF 135 DEGREES FAHRENHEIT AND INCLUDES THE FOLLOWING TYPE AND QUANTITY: UPRIGHT, SSU-12 HEADS; PENDENT, SSP-0 HEADS; NOZZLE, EA-1-31 HEADS.
3. ALL MPL NO.S TO BE PRECEEDED BY 2Z43.

REFERENCES:

A-50400	HANGER DRAWINGS
A-50401	VENDOR DEVIATIONS
A-50402	TRIM PIPING DETAIL
B-24700	FIRE PROTECTION FCD-2Z43130W16
H-11915 & H-11916	EQUIPMENT LAYOUT DRAWINGS FIRE DETECTION SUPPRESSION MULTIPLEX SYSTEM 2Z43 CONTROL BUILDING EL.130'-0"
H-21017	FIRE PROTECTION - P & ID - REACTOR AND RADWASTE BUILDING
H-50398	FIRE PROTECTION PIPING - SYSTEM 2Z43130W16 - ISOMETRIC - SOUTH CORRIDOR UNIT 2 - FLOOR EL.130'-0"
H-50399	FIRE PROTECTION PIPING - SYSTEM 2Z43130W16 - PLAN - SOUTH CORRIDOR UNIT 2 - FLOOR EL.130'-0"
H-50535	FIRE PROTECTION PIPING - SYSTEM 2Z43130W16

LICENSE RENEWAL DOCUMENT

BOUNDARY DIAGRAM NO.:2X43-B01-24
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: 11-02-99
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BY	CHK'D	APPR
TRM	MDS	ASK

MPL NO. 2Z43 | ACAD14 | HL50051

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No.2
FIRE PROTECTION-P&ID
CONTROL BUILDING-SOUTH CORRIDOR
FLOOR ELEVATION 130'-0"

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
TRM	LCF	10-502	HL-50051	A
DATE	SCALE None			