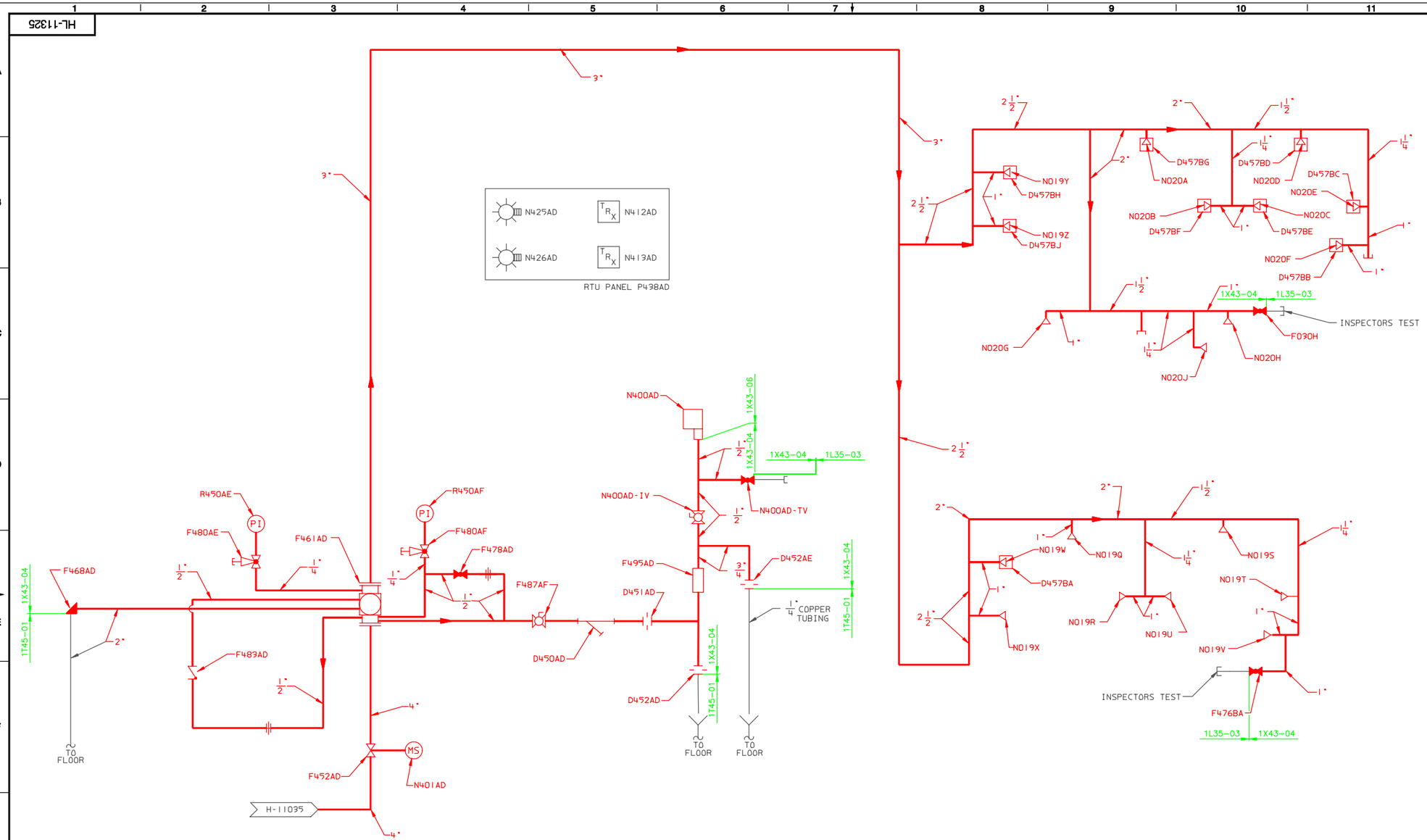
HL-11325



SYSTEM NO. 1Z43130W12
RPS ROOM AND VERTICAL CABLEWAY
FLOOR EL. 130'-0"

LEGEND:

- NOZZLE WITH BAFFLE
- PRESSURE SWITCH
- REDUCER
- BALL VALVE (N.O.)
- EA-1 135° NOZZLE
- PRESSURE INDICATOR
- MONITOR SWITCH
- GATE VALVE
- GLOBE VALVE (N.C.)
- ANGLE VALVE (N.C.)
- CHECK VALVE
- FLOW DIRECTION
- STRAINER
- UNION
- SIDE OUTLET GLOBE VALVE
- RESTRICTIVE ORIFICE
- CAP
- INDICATING LIGHT
- ADDRESSABLE INTERFACE MODULE
- RETARD CHAMBER
- DRIP FUNNEL
- ALARM VALVE

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. DEMAND 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-19 HEADS.
3. ALL MPL NUMBERS ARE PRECEDED BY 1Z43 OTHERWISE NOTED.

REFERENCES:

B-11977 FIRE PROTECTION FCD, RPS ROOM AND VERTICAL CABLEWAY, 1Z43130W12

H-11034 FIRE PROTECTION P&ID - REACTOR RADWASTE BUILDINGS

H-11882 EQUIPMENT LAYOUT DRAWINGS, FIRE DETECTION SUPPRESSION MULTIPLEX SYSTEM 1Z43 CONTROL BUILDING EL. 130'-0"

BOUNDARY DIAGRAM NO.: 1X43-B01-12
FUNCTION(S) NO.: 1X43-04
1X43-06
PREPARED BY: M D STEPHENS
DATE: 2/5/98
REVIEWED BY: ALEX MORRISON
DATE: 7/13/98

LICENSE RENEWAL DOCUMENT

MPL NO. 1Z43

ACAD14	HL11325

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT
UNITS 1 & 2
FIRE PROTECTION P&ID–
RPS ROOMS & CORRIDORS

Revision: A	Date: 10-26-99

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