



- 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
 - DRAIN 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, SSP-0 HEADS; PENDENT, SSP-0 HEADS; NOZZLE, EA-1-31 HEADS.
 3. ALL MPL NO.'S TO BE PRECEDED BY 2249.

- REFERENCES:**
- A-50400 HANGER DRAWINGS
 - A-50401 VENDOR DEVIATIONS
 - A-50402 TRIM PIPING DETAIL
 - B-24700 FIRE PROTECTION FCD-2249190W16
 - H-11915 & EQUIPMENT LAYOUT DRAWINGS
 - H-11916 FIRE DETECTION SUPPRESSION MULTIPLEX SYSTEM 2249 CONTROL BUILDING EL. 130'-0"
 - H-21017 FIRE PROTECTION - P & ID - REACTOR AND RADWASTE BUILDING
 - H-50398 FIRE PROTECTION PIPING - SYSTEM 2249190W16 - ISOMETRIC - SOUTH CORRIDOR UNIT 2 - FLOOR EL. 130'-0"
 - H-50399 FIRE PROTECTION PIPING - SYSTEM 2249190W16 - PLAN - SOUTH CORRIDOR UNIT 2 - FLOOR EL. 130'-0"
 - H-50595 FIRE PROTECTION PIPING - SYSTEM 2249190W16

PANEL P438AB

N425AB	N412AB
N426AB	N413AB

SYSTEM NO. 2249190W16
SOUTH CORRIDOR UNIT 2
FLOOR EL. 130'-0"

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

LICENSE RENEWAL DOCUMENT

MPL NO. 2243 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"

DATE	BY	CHKD.	APPD.	LOCATION	DOCUMENT NUMBER	REVISION
TRM	LCF			10-502	HL-50051	A
DATE	SCALE					
	None					

Revision: A Date: 11-02-99
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