

- LEGEND:**
- INDICATING LIGHT
 - GLOBE VALVE (N.C.)
 - GATE VALVE (N.O.)
 - ANGLE 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
 - CAP
 - PLUG
 - BAFFLE
 - RETARD CHAMBER
 - MONITOR SWITCH
 - PRESSURE INDICATOR
 - PRESSURE SWITCH
 - EA-1 NOZZLE
 - ADDRESSABLE INTERFACE MODULE

- NOTES:**
- 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; 2493 GPM @ 109.6 PSI FOR A DENSITY OF 0.3 GPM/SQ.FT.
 - THE SPRINKLER SYSTEM HAS SPRINKLER HEADS WITH A 1/2 INCH ORIFICE AT A TEMPERATURE RATING OF 212 DEGREES FAHRENHEIT AND INCLUDES THE FOLLOWING TYPE AND QUANTITY: UPRIGHT, SSU-42 HEADS PENDANT, SSP-1 HEAD.
 - ALL MPL NO.5 TO BE PRECEDED BY IT43.

- REFERENCES:**
- A-42128 HANGER DRAWINGS
 - A-42129 VENDOR DEVIATIONS & CODE DEVIATIONS
 - B-11846 FIRE PROTECTION FCD E 185 WATER CURTAIN IT43185W04, SHTS. 1 & 2 OF 2.
 - H-11034 FIRE PROTECTION P&ID REACTOR AND RADWASTE BUILDING.
 - H-11870 EQUIPMENT LAYOUT DRAWINGS FIRE DETECTION/SUPPRESSION MULTIPLEX SYS IT43 REACTOR BLDG EL. 185'-0"
 - H-42130 FIRE PROTECTION PIPING SYS IT43185W04 ISOMETRIC-FLOOR EL. 185'-0" SOUTHEAST
 - H-42131 FIRE PROTECTION PIPING SYS IT43185W04 PLAN & SECTIONS FLOOR EL. 185'-0" SOUTHEAST

LICENSE RENEWAL DOCUMENT

MPL NO. T43 ACAD14 HL4039601

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No. 1
FIRE PROT. - P&ID - REACTOR BLDG.
FL. EL. 185' - 0" EAST
185 WATER CURTAIN

Revision: A	Date: 10-14-99
APPROVED. ISSUED PER LICENSE RENEWAL BOUNDARY PACKAGES. DRAWING CREATED FROM H-40396 SH.1, REV 2; BY BKN.	
BY: BKN	DATE: MDS
CHKD: ASK	APPR: ASK

BOUNDARY DIAGRAM NO.: 1X43-B01-29

FUNCTION(S) NO.: 1X43-04
1X43-06

PREPARED BY: M D Stephens
DATE: 2/5/98
REVIEWED BY: Alex Morrison
DATE: 7/13/98

SYSTEM NO. IT43185W04
E 185 WTR CURT
FLOOR EL 185'-0"

