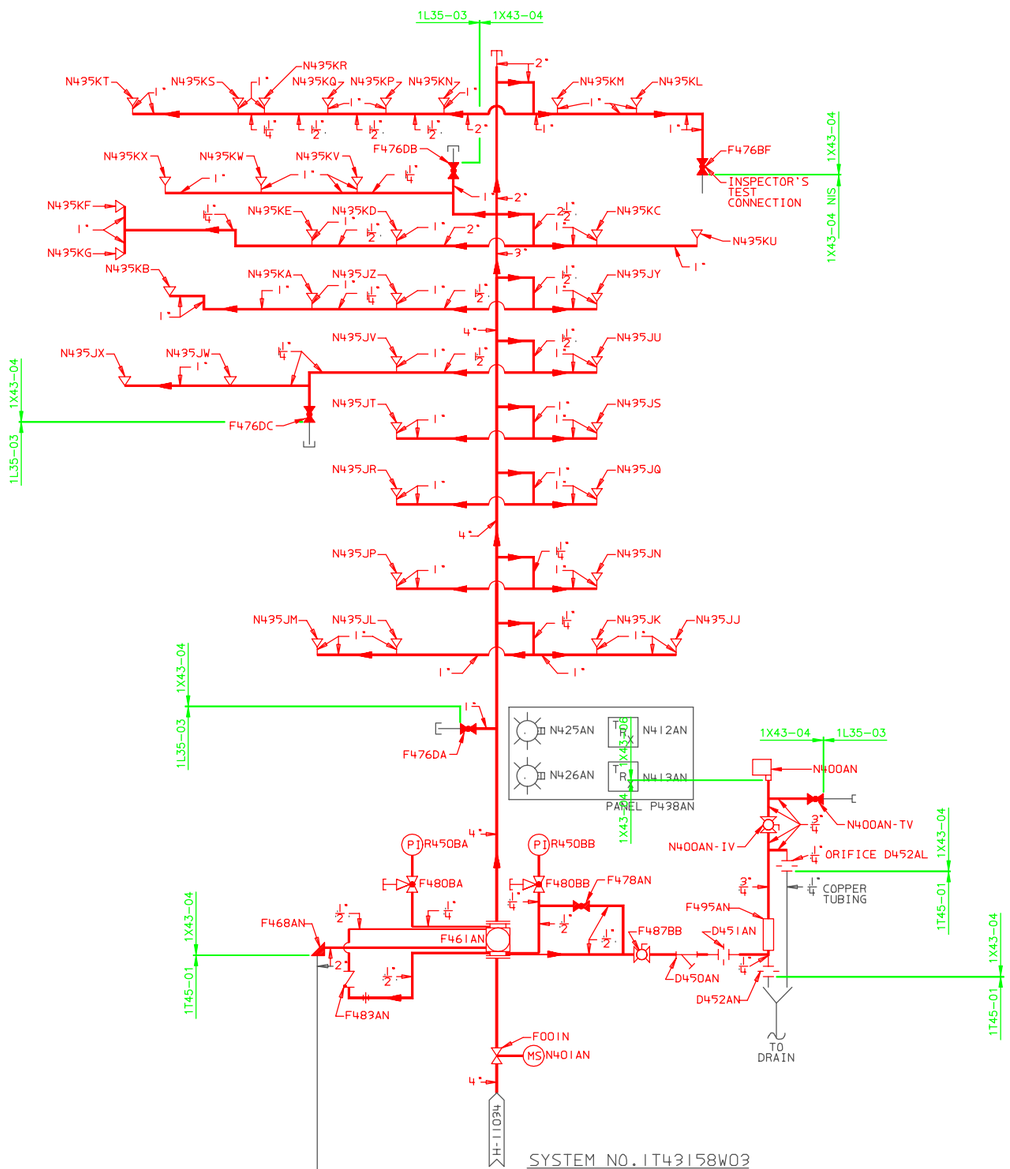
HL-40395



LEGEND:

- 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
- UPRIGHT SPRINKLER HEAD
- SPRINKLER CANOPY
- ORIFICE
- FLOW DIRECTION
- UNION
- STRAINER
- DRIP FUNNEL
- CAP
- PLUG
- CONCENTRIC REDUCER
- RETARD CHAMBER
- MONITOR SWITCH
- PRESSURE INDICATOR
- PRESSURE SWITCH
- GLOBE VALVE (N.C.)
- INDICATING LIGHT
- ADDRESSABLE INTERFACE MODULE

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:1989.1 GPM AT 127.1 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 QUANITY:UPRIGHT,SSU-95 HEADS.
3. ALL MPL NUMBERS TO BE PRECEDED BY 1T43.

REFERENCES:

A-42147_____ HANGER DRAWINGS
A-42148_____ VENDOR DEVIATIONS AND CODE DEVIATIONS
A-42155_____ TRIM PIPING DETAIL
B-11829_____ FIRE PROTECTION FCD E158 WTR CURT 1T43158W03
H-11034_____ FIRE PROTECTION-P&ID-REACTOR AND RADWASTE BUILDINGS
H-11869_____ EQUIPMENT LAYOUT DRAWING FIRE PROTECTION/SUPPRESSION MULTIPLEX SYSTEM 1T43-REACTOR BUILDING-EL.158'-0"
H-42145_____ FIRE PROTECTION-PPG-SYSTEM 1T43158W03-ISOMETRIC-FL EL.158'-0"
H-42146_____ FIRE PROTECTION-PPG-SYSTEM 1T43158W03-PLAN-FL EL.158'-0"

LICENSE RENEWAL DOCUMENT

MPL NO. 1T43

ACAD14	HL40395

SOUTHERN COMPANY

LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No.1
FIRE PROT – P&ID –
REACTOR BLDG – FL EL. 158'-0" –
EAST 158 WATER CURTAIN

DRAWN	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
TRM	LCF	10-502	HL-40395	A
DATE	SCALE			
	None			

BOUNDARY DIAGRAM NO.:1X43-B01-28

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

Revision: A	Date: 10-26-99

APPROVED. ISSUED PER LICENSE RENEWAL BOUNDARY PACKAGES. DRAWING CREATED FROM H-40395, REV.1; BY TRM.

BY	CHK'D	APPR.1
TRM	MDS	ASK