



BOUNDARY DIAGRAM NO.: 1L36-B01-08  
 FUNCTION(S) NO.: 1L36-02  
 PREPARED BY: M D STEPHENS  
 DATE: 6/11/98  
 REVIEWED BY: ALEX MORRISON  
 DATE: 7/9/98

BOUNDARY DIAGRAM NO.: 1X43-B01-01  
 FUNCTION(S) NO.: 1X43-04  
 1X43-06  
 1X43-08  
 PREPARED BY: M D STEPHENS  
 DATE: 6/11/98  
 REVIEWED BY: ALEX MORRISON  
 DATE: 7/13/98

- NOTES:
- ALL MPL NUMBERS SHALL BE PREFIXED BY 1X43 UNLESS OTHERWISE NOTED.
  - PIPING PROVIDED TO CONNECT FIRE PROTECTION TANK TO SANITARY BOOSTER PUMP SUCTION (X42-F067A NORMALLY LOCKED CLOSED). SEE DWG. D-11006.

- REFERENCES
- H-11039 SH.2 --- FP P&ID PLANT YARD
  - H-11039 SH.3 --- FP P&ID COOLING TOWER YARD PIPING
  - H-11304 SH.10 --- FP P&ID - FP PUMPHOUSE SPRINKLER SYS. 1X43130W13
  - B-11937 ----- FP FCD - ZONE 1X43130I03
  - B-11938 ----- FP FCD - ZONE 1X43130I04
  - B-11939 ----- FP FCD - ZONE 1X43130I05
  - B-11940 ----- FP FCD - ZONE 1X43130I06
  - B-11941 ----- FP FCD - ZONE 1X43130I07
  - D-11006 ----- P&ID SANITARY WATER
  - D-11026 ----- P&ID FIRE PROT. FILTERED WTR. STORAGE FROM WELL PUMP.

- LEGEND:
- [Symbol] - SIGHT FLOW INDICATOR
  - [Symbol] - REDUCER
  - [Symbol] - HEAT EXCHANGER
  - [Symbol] - GATE VALVE W/ INDICATOR POST (N.O.)
  - [Symbol] - PRESSURE REGULATOR W/ FILTER
  - [Symbol] - PLUG VALVE (N.O.)
  - [Symbol] - SOLENOID VALVE
  - [Symbol] - PLUG VALVE (N.C.)
  - [Symbol] - PRESSURE REGULATOR
  - [Symbol] - GLOBE VALVE (N.O.)
  - [Symbol] - GATE VALVE (N.O.)
  - [Symbol] - GLOBE VALVE (N.C.)
  - [Symbol] - GATE VALVE (N.C.)
  - [Symbol] - BALL VALVE (N.O.)
  - [Symbol] - CHECK VALVE
  - [Symbol] - BLANKING INSERT
  - [Symbol] - RELIEF VALVE
  - [Symbol] - ORIFICE UNION (3/32")
  - [Symbol] - FLOW ARROW
  - [Symbol] - 3/8" SWAGELOK
  - [Symbol] - PRESSURE INDICATOR
  - [Symbol] - ADDRESSABLE INTERFACE MODULE
  - [Symbol] - MONITOR SWITCH
  - [Symbol] - PRESSURE RECORDER
  - [Symbol] - PRESSURE SWITCH
  - [Symbol] - LEVEL INDICATOR
  - [Symbol] - AIR OPERATED
  - [Symbol] - LEVEL SWITCH
  - [Symbol] - LEVEL TRANSMITTER

TRX SCHEDULE			
TRX MPL	ADDRESS	ZONE	MONITORING
TRX N420AA	6112	1X43130I03	FIRE PUMP CTLR (DIESEL-RUNNING) H21-P320
TRX N420AB	6113	1X43130I04	FIRE PUMP FAILURE X43-R301
TRX N420AC	6115	1X43130I05	PRESS SW (LOW PRESS) X43-N501
TRX N420AD	6116	1X43130I06	FIRE PUMP CTLR (ELEC RUNNING)
TRX N420AE	6117	1X43130I07	ELECTRIC FIRE PUMP RELAY

LICENSE RENEWAL DOCUMENT

MPL NO. 1X43 ACAD14 HL1103301

**SOUTHERN COMPANY**

**LICENSE RENEWAL SCREENING FOR INFORMATION ONLY**

EDWIN I. HATCH NUCLEAR PLANT UNIT No. 1  
 FIRE PROTECTION - P & ID  
 PUMPHOUSE LAYOUT

Revision: A Date: 12-29-99  
 APPROVED, ISSUED PER LICENSE RENEWAL BOUNDARY PACKAGES.  
 DRAWING CREATED FROM H-11033 SH.1, REV.43; BY TRM.

DATE	SCALE	LOCATION	DOCUMENT NUMBER	REVISION
10-502	None	10-502	HL-11033	A