AUXILIARY BUILDING

NORTH PENETRATION AREA

YARD

SOUTH PENETRATION AREA

SEISMIC BUILDING EXTENSION BOUNDARY

SERVICE BUILDING

AUXILIARY BUILDING

NO.1 AND 2 FIRE PROTECTION AND DOMESTIC WATER STORAGE TANKS

205222-A-8760 SH. 4 (F-2)

DEMINERALIZED WATER 205213-A-8760 SH. 5 (D-7)

NO.2 UNIT 205335-A-8763 SH. 1 (F-1)

FEEDWATER CHEMICAL TREATMENT 205214-A-8760 SH. 1 (C-4)

FEEDWATER CHEMICAL TREATMENT 205214-A-8760 SH. 1 (D-4)

205203-A-8760 SH. 1 (G-4)

NO. 11 STEAM GENERATOR FEED WATER 205202-A-8760 SH. 3 (F-6)

NO. 14 STEAM GENERATOR FEED WATER 205202-A-8760 SH. 3 (F-11)

NO. 13 STEAM GENERATOR FEED WATER 205202-A-8760 SH. 3 (F-3)

NO. 12 STEAM GENERATOR FEED WATER 205202-A-8760 SH. 3 (F-9)

MAIN STEAM 205203-A-8760 SH. 1

FLOOR DRAINS-CONTAMINATED 205226-A-8761 SH. 2 (D-9)

205226-A-8761 SH. 2 (D-7) TO FLOOR DRAIN

205226-A-8761 SH. 1 (C-6,7) TO FLOOR DRAIN

205226-A-8761 SH. 1 (C-5) TO FLOOR DRAIN

SERVICE WATER 205242-A-8761 SH. 4 (F-9)

AUXILIARY FEED PUMP 1AFE4

AUXILIARY FEED PUMP 1AFE5

AUXILIARY FEED PUMP 1AFE6

MIN. FLOW ORIFICE 1AFE7

MIN. FLOW ORIFICE 1AFE8

MIN. FLOW ORIFICE 1AFE9

1MSE3 AUXILIARY FEED PUMP TURBINE

AUXILIARY FEED WATER STORAGE TANK HEATING WATER CIRCULATOR 1AFE2

NO. 1 AUXILIARY F.W. STORAGE TANK HEAT EXCHANGER 1AFE3

(HWS) 205215 SH. 6

NO. 1 AUXILIARY FEED STORAGE TANK 220,000 GALLONS 1AFE1

MINIMUM FLOW ORIFICE 1AFE11 NOTE 6

NITROGEN BLANKET SUPPLY SEE DWG. 205240-A-8761, SHT. 1

MAKE-UP DEMINERALIZED WATER 205246-A-8761 SH. 1 (D-6)

WOODWARD GOVENOR COOLING

TURBINE BEARING JACKET COOLING

TURBINE BEARING JACKET COOLING

IMSE23

IMSE3

TURBINE TRIP VALVE 1MS52

TURBINE START-STOP VALVE 1MS32

TURBINE GOVERNOR VALVE 1MS53

TO ATMOSPHERE

VENT TO ATMOSPHERE

YARD DRAIN 205223-A-8760 SH. 3 (F-11)

205246-A-8761 SH. 1 (D-3)

205215-A-8760 SH. 5 (A-4)

LOCATION 1E2 230V CC

SV-538

FOR CONT. SEE DWG.* 205203-A-8760 SHEET 1

NOTES:

1. THIS DRAWING IS BASED ON 205236 A 8761 REVISION 52.
2. THIS DRAWING INCLUDES THE FOLLOWING LICENSE RENEWAL SYSTEMS:
   - AFW - AUXILIARY FEEDWATER SYSTEM
   - DW - DEMINERALIZED WATER SYSTEM
   - FP - FIRE PROTECTION SYSTEM
   - HWS - HEATING WATER AND HEATING STEAM SYSTEM
   - MCF - MAIN CONDENSATE FEEDWATER SYSTEM
   - NRD - NON-RADIOACTIVE DRAIN SYSTEM
   - RD - RADIOACTIVE DRAIN SYSTEM
   - SW - SERVICE WATER SYSTEM
3. THE STRAINER ELEMENTS FOR THE AUXILIARY FEEDWATER PUMPS AND THE AUXILIARY FEEDWATER STORAGE TANK HEATING WATER CIRCULATOR HAVE BEEN REMOVED FOLLOWING THE INITIAL PLANT STARTUP AND ARE NOT SUBJECT TO AGING MANAGEMENT REVIEW.
4. THE ½ INCH NITROGEN PIPING IS ROOTED INSIDE THE OVERFLOW PIPE AND DOES NOT PROVIDE STRUCTURAL SUPPORT FOR THE SAFETY-RELATED OVERFLOW PIPE.
5. THE FLOW METER, F9881, IS A SURFACE-MOUNTED ULTRASONIC TYPE AND DOES NOT HAVE A PRESSURE BOUNDARY INTENDED FUNCTION AND IS THEREFORE CONSIDERED ACTIVE AND NOT SUBJECT TO AGING MANAGEMENT REVIEW.
6. THE MINIMUM FLOW ORIFICE IS INCLUDED WITH THE AUXILIARY FEEDWATER STORAGE TANK VENT BIRD SCREEN FOR AGING MANAGEMENT REVIEW.

NO	DATE	DESCRIPTION	RVD	CKD	APD
0	08 18 09	INITIAL ISSUE FOR LICENSE RENEWAL	PPO	RJT	ARP

REVISION

LICENSE RENEWAL BOUNDARY DRAWING
NO. 1 UNIT
AUXILIARY FEEDWATER

SALEM NUCLEAR GENERATING STATION
PSEG NUCLEAR L L C

LR-205236 SH. 1 | 0