THE

ESSENTIAL AND EMERGENCY

LIGHTING SYSTEM

REPORT

June 1, 1989

Prepared by _____

Reviewed by _____

Approved by _____

Concurred by _____

Concurred by _____ /L. Mitchell

Table Of Contents

PURPOSE AND OBJECTIVES

This evaluation was performed to investigate the adequacy of the emergency lighting system and the design basis of the essential lighting system. This evaluation was initiated due to the problems encountered after a Unit 3 trip and during subsequent attempts to manually operate the ADV's under less than normal lighting conditions. This evaluation was performed in four steps as follows:

1. A review of the lighting design basis documentation was completed to re-confirm the design requirements.

2. A review of the plant drawings for essential and emergency lighting systems was conducted to verify the incorporation of the design basis.

3. A walkdown of Unit 2 was performed to verify the adequacy of the as-built emergency lighting conditions.

4. A review of the lighting preventative maintenance program was completed to verify the adequacy of the program for the lighting systems.

ANALYSIS AND EVALUATION

DESIGN REQUIREMENTS

To re-confirm the design requirements for the essential and emergency lighting systems, the design basis documents (Reference 6, 7, 8 & 9) were reviewed. Based on this review the following requirements were derived from these documents.

Emergency lighting system

Design basis

The (8-hour safe shutdown) emergency lighting system is the ultimate back-up lighting for equipment which may be operated locally to safely shutdown the unit.

The design criteria for the emergency lighting system is based on reference 6 and is as follows:

> Emergency lighting units with at least 8 hour battery power supply shall be provided in all areas needed for operation of safe shutdown equipment in case of fire and access/egress routes thereto.

This scenario is assumed to start with the unit at 100% power.

The (8-hour safe shutdown) emergency lighting system is the only plant lighting system that is required by 10 CFR 50 APPENDIX R. The areas where this lighting is required is shown on Table One (Attached).

Enhanced Requirements

There are areas within the unit where (8-hour) emergency lighting has been added to enhance the operator's capability to shutdown from outside the control room . These areas are not required to comply with 10 CFR 50 Appendix R.. These areas are indicated in Table Two. (Attached)

One such area where the emergency lighting system is being enhanced based on the Unit 3 event is the ADV area of the MSSS. Although regulations do not require (8-hour) emergency lights they are being added to enhance the operators capability to locally operate the ADV's. The ADV's can be operated from

the control room and remote shutdown panels; local control is not required to safely shutdown the unit. This addition is beyond the FSAR commitment, which identifies emergency lights on an area basis at Fire Zones 74A and 74B. PVNGS currently has lights at the 120' elevation which is in these fire zones.

It should be pointed out that included in the emergency lighting system is the 1-1/2 hour emergency lights which are designed to meet the Life Safety Code for personnel egress. These lights are not intended to meet any of the safe shutdown requirements.

Essential Lighting System

The original design basis of the essential lighting system is that portion of the normal lighting which is ESF diesel generator backed and provides illumination in the event of a failure of the rest of the normal lighting system. In the control room and at the remote shutdown panel, however, the essential lighting system provides 100 % illumination.

As a result of the Unit 3 event it is clear that the design basis for the essential lighting system should be extended to include minimum illumination levels at areas where shutdown equipment may be operated to enhance the operators capability to safely shutdown the unit. This enhanced design basis will be adopted by APS.

The essential lighting system is non-class 1E but is powered from a class 1E source. To meet the isolation requirements of Regulatory Guide 1.75 the essential lighting system, outside the control room and remote shutdown panel area, is shed from the class 1E source on a Safety Injection Actuation Signal. For these areas power is restored administratively by the operators. The control room and remote shutdown areas are automatically restored during the diesel generator sequencing but remain isolated from the class 1E system by regulating transformers. There is no regulatory basis to keep the essential lighting system energized during all plant events.

In areas where there is regulatory 8-hour emergency lighting, PVNGS design requires essential lighting. This is due to the fact that the emergency lights are powered from the essential lighting panels. On a LOP, after a restoration of power to the essential lighting panels, the emergency lights will go out. Hence, without essential fixtures in the same room with emergency units the area will be dark. Access/egress routes are not a concern however, since emergency

lights will provide illumination to access safe shutdown equipment prior to resto ration of the diesel generator. In addition, egress can still be accomplished with the use of standard portable lighting since no operation of equipment is required.

A review of the emergency and recovery procedures indicate that the present restoration practices for the essential lighting panels, outside the control room and remote shutdown panel areas, are acceptable, with respect to the need to address higher priority equipment needs. The emergency lighting system is an adequate means for illumination for safe shutdown prior to restoration of the essential lights.

PLANT DRAWING REVIEW

A review of all drawings was performed for the emergency lighting and normal/essential lighting systems to determine if the design requirements for back up lighting were adequately incorporated..

Emergency Lighting (Regulatory Design Basis)

To perform the design review of the safe shutdown (emergency) lighting drawings (Reference 10), the design documents (Reference 1, 2 & 3) in conjunction with the operations procedures (Reference 4), were used to determine areas where local manual operation of safe shutdown equipment was required. The list of the equipment which requires local manual operation is shown on Table One (Attachment 1). This equipment was then located by area and shown on Attachment 3.

Emergency Lighting (Enhanced)

To perform the review of the enhanced emergency lighting the operations procedures (Reference 4 & 5) and the design documents (Reference 1, 2 & 3) were used to determine desirable locations for emergency lighting. This list is compiled on Table Two (Attachment 2) . This equipment was then located by area and shown on Attachment 3.

Essential Lighting

To perform the design review of the essential lights, the operations procedures (Reference 4 & 5) were used to determine the equipment requiring illumination. This data was compiled on Attachment 3. In addition, rooms where emer-

gency lighting existed were checked to assure essential lighting existed also.

PLANT WALKDOWN

Each building and room as identified on Attachment 3 was inspected in Unit 2 to verify that the plant physical configuration complies with the design requirements. The walkdown reviewed the lighting requirements in the rooms as required by design. In each room, to assure worst case lighting conditions, the normal lights were de-energized to identify the essential lights followed by the de-energizing of both normal and essential lights to identify the emergency lights. The team performing the walkdown used the safe shutdown procedure (Reference 4) to verify equipment operability and access/egress routes with the emergency lights.

The results of the walkdowns are documented on Attachment 3.

MAINTENANCE REVIEW

During a review of the events of the Unit 3 trip it was identified that an essential lighting fixture with the incorrect type bulb had burned out and preventative maintenance tasks for emergency fixtures had been waived. As a result APS instigated a complete review of the preventative maintenance program.

The original essential lighting preventative maintenance area tasks were issued each month and replaced a bulb if it was burned out without specifying a replacement bulb type. This led to intervals of time when bulbs were burned out prior to replacement and to the possibility of the wrong type bulb replacement.

The preventative maintenance task for the emergency lights had been waived because the task included lighting fixtures within the containment building , normally in-accessible during operations . The fixtures in the MSSS had been grouped with containment fixtures because the tag numbers for both the containment and MSSS fixtures are similar.

This evaluation identified that the following revisions had been made to the preventative maintenance tasks prior to the Unit 3 event which would have precluded this problem had the revised tasks been implemented. They were scheduled to be implemented during the next outage.

1. The preventative maintenance task for the emergency lighting had been modified to separate the containment building fixtures from those in the MSSS.

2. The preventative maintenance task for lighting had been modified to specify the correct bulb type

3. Preventative maintenance tasks had been generated to group replace bulbs on a consistent interval with long life bulbs as opposed to replacing bulbs as they burn out.

SAFETY ANALYSIS

During the evaluation there were discrepancies discovered in the emergency lighting system. The discrepancies are individually discussed in Table One. The following is a list of the discrepancies as categorized by safe shutdown function. There are numerous rooms involved with these discrepancies. These rooms are considered areas where emergency lighting needs were found to have evolved since the last fire protection walkdowns were performed in 1984. Although acceptable at that time, these areas are now found to be non-complying , due to such causes as design changes, operating experience, and procedure changes. We will enhance all such areas prior to restart.

In all these areas, since the local manual safe shutdown operation was determined not capable of being performed, this lack of adequate emergency lighting is found to be safety significant.

Item #1

Equipment : Auxiliary Relay Cabinet E-ZAA-C03

Purpose: Provide disconnect capability for various spurious actuation concern equipment

Problem: Emergency lights are in the room, but based on the opinion of the operator on the walkdown the illumination was insufficient.

Item # 2

Equipment: Valve J-SIB-UV-671

Purpose: Containment spray control valve used for isolation of contain ment spray.

Problem: Emergency lights are in the room, but based on the operator opinion on walkdown the illumination was insufficient.

Item # 3

Equipment: Valves NC-V049, NC-V054, NC-FI-55, EW-HCV-146, 66, SSN-V819, NCN-UV-99

Purpose: Used for boration sampling.

Problem: No emergency lights are in the respective areas or rooms.

Item # 4

Equipment: DC Control Centers E-PKA-M41, E-PKB-M42

Purpose: Used for disconnecting power to various spuriously actuated devices.

Problem: Emergency lights are located on opposite side of control center front, based on the walkdown comments direct illumination is needed to perform activity.

Item # 5

Equipment J-DGB-B01

Purpose: Used for remote starting of the diesel generator

Problem: Emergency lights exist but based on the opinion of the operator on the walkdown the illumination was insufficient

---

Item # 6

Equipment E-NAN-S01L,M E-NAN-S02L,M

Purpose: Used for preventing a spurious actuation of the reactor coolant pumps.

Problem: No 8-hour emergency lights are in room, only 1-1/2-hour emergency lights.

Item # 7

Equipment E-PHB-M32

Purpose: Used for disconnect of various spurious actuation concerns.

Problem: Emergency lights exist but based on the opinion of the walkdown team the illumination was insufficient.

Item # 8

Equipment E-ZJB-C01

Purpose: Used to isolate HVAC dampers to prevent spurious actuation.

Problem: Emergency lighting exist but based on the opinion of the walkdown team the illumination was insufficient.

Item # 9

Equipment: EC surge tank level indicator

Purpose: Used to monitor water level for obtaining make-up to the essential chillers

Problem: Emergency lights exist but based on the opinion of the operator the illumination was not sufficient.

Item #10

Equipment: DG surge tank level, line N-033-HBDA, Valves DG-V072, V013, V064.

Purpose: To provide make-up for DG jacket cooling.

Problem: Emergency lights exist but based on the opinion of the operator. the illumination was not sufficient.

Item #11

Equipment: E-NGN-L11

Purpose: Pressurizer heaters control

Problem: Emergency lights exist in area but based on opinion of operator the illumination was not sufficient.

Item #12

Equipment: E-ZAN-C01, C02

Purpose: Various spurious actuation concerns

Problem: Emergency lights exist in area but are not positioned properly to assure sufficient illumination.

Item #13

Equipment: N/A

Purpose: Various access/egress routes

Problem: See Table One.

Item #14

Equipment: E-PKD-H14

Purpose: Disconnect to avoid spurious actuation of battery charger

Problem: Emergency lights exist in room but there are no lights providing direct illumination.

Item #15

Equipment: CH-HV-524

Purpose: To assure a boration path

Problem: No emergency lights exist in room

Item #16

Equipment: E-ZAA-C06

Purpose: Disconnect for various spuriously actuated devises.

Problem: Emergency lights exist in room, but there is no direct illumination on cabinet.

In addition to these lighting deficiencies during the course of the walkdown it was identified that two valves which are required for safe shutdown were inadequately labeled (CH-HV-530 & EW-V185) under emergency lighting conditions. This problem may hamper the ability of the operator to identify the equipment under less than normal lighting conditions. Hence these problems are also considered safety significant.

In other areas, where non-design basis discrepancies were found, they will be resolved as a major project. This project will perform a comprehensive review of all lighting (emergency, essential and normal). These areas however do not have any safety implications because they are not required for safe shutdown.

CONCLUSIONS AND ACTION PLAN

Based on the walkdown results of Unit 2 and the drawing review, there were areas where emergency lighting was determined to be needed to perform safe shutdown activities. Lighting will be improved in these areas prior to the re-start of the units.

When manual operation of the ADVs was required, it was apparent that lighting on the 140' elevation of the MSSS needed to be improved. However, this lighting is not required by design basis since local control of the ADV's is not mandated to safely shutdown the unit.. Since recent events have shown that it is highly desirable to have improved lighting in these areas design basis (8-hour) emergency and essential lights will be installed prior to restart.

In other areas, where the non design-basis discrepancies exist, they will be evaluated as part of a major project which will perform a comprehensive review of all lighting, including normal lighting. Priority will be placed on areas where more critical operational activities are determined to be necessary such as the "A" train diesel generator. The lighting in these areas will be modified as required when the evaluation of each area is completed. This project was planned prior to the Unit 3 sequence of events and is scheduled to be started in July of 1989 and complete by July 1992. Priority areas will be completed by July 1991.

In the interim, additional portable battery powered lanterns will be provided in the control room and at the remote shutdown panel to provide an added degree of confidence.

A walkdown of the safe shutdown procedure (Reference 4) will be similarly performed on Units 1 and 3 and any additional deficiencies corrected prior to re-start of the respective units.

To reflect this report's re-evaluation of the PVNGS lighting requirements the documents referenced within the report will be updated for consistency.

The preventative maintenance program has been determined to be adequate for lighting with some corrective actions to assure maintenance is performed regularly without waiver and lamps are replaced by group rather than individually as they burn out. The factor which caused the waiver of maintenance on emergency lighting had been corrected prior to the Unit 3 event.

ATTACHMENTS

1.. Table One, "Appendix R Lighting Requirements"

2. Table Two, "Enhanced Emergency Lighting Requirements"

3. Lighting Review Spreadsheets

REFERENCES

1. Outside The Control Room, Spurious Actuation Study 01,02,03-NS-110

2. Control Room Fire, Spurious Actuation Study 13-NS-109

3. Letter V-CE-30368, June 11,1984, "List of Equipment Required for Safe Shutdown During Fire in the Control Room

4. Operations Procedure 42AO-2ZZ44, "Shutdown Outside The Control Room Due to Fire and/or Smoke"

5. Operations Procedure 42AO-2ZZ27, "Shutdown Outside The Control Room"

6. Code Of Federal Regulations, 10CFR Part 50 Appendix R

7. UFSAR section 9.5.3, Appendix 9B

8. Design Criteria, sections "QD" and "QB"

9. System Description, sections "QD" and "QB"

10. Drawings 13-E-ZPL-001, 002, 003, "Power Block Safe Shutdown Emergency Lights"

ATTACHMENT

ONE

TABLE 1

APPENDIX "R" EMERGENCY LIGHTING REQUIREMENTS

SAFE SHUTDOWN EQUIPMENT ID #	DESCRIPTION	BLDG/ELEV	ROOM NO..	EMERGENCY LIGHTS	BASIS
CH-HV-530	CVCS RWT TO TRAIN B SAFETY INJECTION SYSTEM VALVE	AUX/51'6"	A-C13	SAL-72A-04-051-10 SAL-72A-04-051-11	SEE NOTE 1,46
	ACCESS/EGRESS	AUX/70'0"	A-B04	SAL-71A-01-077-02	SEE NOTE 6
	ACCESS/EGRESS	AUX/70'0" STWY F	STWY F	SAL-71C-07-077-01	SEE NOTE 6
	ACCESS/EGRESS	AUX/70'0"	A-B05	SAL-71A-01-077-01	SEE NOTE 6
	ACCESS/EGRESS	AUX/70'0"	A-B07	SAL-71A-01-070-15 SAL-71A-01-070-05 SAL-71A-01-070-14	SEE NOTE 6
	ACCESS/EGRESS	AUX/70'0"	A-B10	SAL-71A-01-070-13 SAL-71A-01-070-11 SAL-72A-03-070-14	SEE NOTE 6
CH-HV-532 CH-HV-536	RWT BORIC ACID MK-UP VLV RWT GRAVITY FEED VLV	AUX/70'0"	A-B08	SAL-71A-01-070-12	SEE NOTE 2
	ACCESS/EGRESS	AUX/70'0"	STWY G A-B26	SAL-72C-07-087-01	SEE NOTE 6
	ACCESS/EGRESS	AUX/70'0"	A-B25	SAL-72A-03-077-10	SEE NOTE 6
	ACCESS/EGRESS	AUX/70'0"	A-B27	NONE	SEE NOTE 6,42

TABLE 1

APPENDIX "R" EMERGENCY LIGHTING REQUIREMENTS

SAFE SHUTDOWN EQUIPMENT ID #	DESCRIPTION	BLDG/ELEV	ROOM NO..	EMERGENCY LIGHTS	BASIS
	ACCESS/EGRESS	AUX/88'0"	STWY F	SAL-71C-07-087-07	SEE NOTE 6
	ACCESS/EGRESS	AUX/88'0'	A-A01	SAL-71A-01-088-16	SEE NOTE 6
	ACCESS/EGRESS	AUX/88'0"	STWY G A-B26	SAL-72C-07-096-06	SEE NOTE 6
	ACCESS/EGRESS	AUX/88'0"	A-A02	SAL-71A-01-088-10	SEE NOTE 6
J-SIA-UV672	CONT SPRAY CNTRL VLV			SAL-71A-01-088-17	SEE NOTE 11
	ACCESS/EGRESS	AUX/51'6" TO 70'0"	STWY H A-C11	SAL-72A-04-070-07	SEE NOTE 6
	ACCESS/EGRESS	AUX/100'0"	A-119	SAL-72C-03-100-03 SAL-72C-03-100-06	SEE NOTE 6
E-SSB-J04	SAMPLING SYS CNTRL PANEL, SSB-HS-200A-1	AUX/100'0"	A-127	SAL-72C-03-100-01 E-QBN-004-A	SEE NOTE 5
PHB-M34	DC CNTRL CNTR			E-QBN-004-B	SEE NOTE 13,7
PHB-M36	DC CNTRL CNTR			E-QBN-004-C	SEE NOTE 14
PHB-M38	DC CNTRL CNTR			E-QBN-004-D	SEE NOTE 15
E-ZAB-C03	AUX RELAY CABINET				SEE NOTE 37
E-ZAB-C06	AUX RELAY CABINET				SEE NOTE 38
	ACCESS/EGRESS	AUX/100'0"	STWY F A-130	SAL-71C-07-110-02	SEE NOTE 6

TABLE 1

APPENDIX "R" EMERGENCY LIGHTING REQUIREMENTS

SAFE SHUTDOWN EQUIPMENT ID #	DESCRIPTION	BLDG/ELEV	ROOM NO..	EMERGENCY LIGHTS	BASIS
	ACCESS/EGRESS	AUX/120'0"	STWY F A-130	SAL-71C-07-130-03	SEE NOTE 6
	ACCESS/EGRESS	AUX/100'0"	A-136	SAL-72C-03-100-02	SEE NOTE 6
	ACCESS/EGRESS	AUX/100'0"	STWY G A-133	SAL-72C-07-110-02	SEE NOTE 6
	ACCESS/EGRESS	AUX/120'0"	A-201	SAL-72D-03-120-01	SEE NOTE 6
VA-EW-V185	FIRE HOSE CONNECTION	AUX/120'0"	A-204	SAL-72D-03-120-20	SEE NOTE 12,46
VA-EW-V108	FIRE HOSE CONNECTION			SAL-72D-03-120-02	SEE NOTE 12
VA-EW-V225	FIRE HOSE CONNECTION			SAL-72D-03-120-17	SEE NOTE 12
E-NGN-L12	LOAD CENTER (PRESSURE HTR)			SAL-72D-03-120-19 SAL-72D-03-120-21	SEE NOTE 40
E-NGN-L10	LOAD CNTR	AUX/120'0"	A-215	SAL-72D-03-120-22 SAL-72D-03-120-11	SEE NOTE 4
NHN-M72	MTR CNTRL CNTR ACCESS/EGRESS	AUX/120'0"	A-211	SAL-72D-03-120-05	SEE NOTE 16
	ACCESS/EGRESS	AUX/120'0"	STWY G A-133	SAL-72C-07-130-03	SEE NOTE 6
	ACCESS/EGRESS	AUX/140'0"	STWY F	SAL-71C-07-150-04	SEE NOTE 6

TABLE 1

APPENDIX "R" EMERGENCY LIGHTING REQUIREMENTS

SAFE SHUTDOWN EQUIPMENT ID #	DESCRIPTION	BLDG/ELEV	ROOM NO..	EMERGENCY LIGHTS	BASIS
J-SIB-UV-671	CONT SPRAY CNTRL VLV & STAIRWY FROM EL 70' TO 88'	AUX/88'0"	A-A09	SAL-72A-03-88	SEE NOTE 11,42
J-CHB-V327	GRAVITY FEED FLOW VLV AND ACCESS/EGRESS	AUX/70'0"	A-B24	SAL-72A-03-077-08 SAL-72A-03-077-01 SAL-72A-03-077-09	SEE NOTE 1
E-ZAA-C03	AUX RELAY CABINET	AUX/120'0"	A-202	E-QBN-003-A	SEE NOTE 26,42
PHA-M33	MTR CNTRL CNTR			E-QBN-003-B	SEE NOTE 17
PHA-M35	MTR CNTRL CNTR			E-QBN-003-C	SEE NOTE 18
E-SSA-J04	SAMPLING SYS CNTRL PANEL, SSA-HS-203-A-1			E-QBN-003-D	SEE NOTE 5
E-SSA-J04	SAMPLING SYS CNTRL PNL, SSA-HS-203-A-2				SEE NOTE 5
E-ZAA-C06	AUX RELAY CABINET ACCESS/EGRESS				SEE NOTE 38,42 SEE NOTE 42
E-ZAN-C01	AUX RELAY CABINET	AUX/120'0"	A216	E-QBN-003E	SEE NOTE 30,42
E-ZAN-C02	AUX RELAY CABINET				SEE NOTE 30,42
E-NGN-L03	LOAD CNTR				SEE NOTE 4
	ACCESS/EGRESS				SEE NOTE 42
	ACCESS/EGRESS	AUX/120'0"	A-218	SAL-72D-03-120-07	SEE NOTE 6
	ACCESS/EGRESS	AUX/120'0"	A-223	SAL-72D-03-120-09	SEE NOTE 6
	ACCESS/EGRESS	AUX/140'0"	A-302	SAL-71C-01-140--11	SEE NOTE 6

TABLE 1

APPENDIX "R" EMERGENCY LIGHTING REQUIREMENTS

SAFE SHUTDOWN EQUIPMENT ID #	DESCRIPTION	BLDG/ELEV	ROOM NO..	EMERGENCY LIGHTS	BASIS
	ACCESS/EGRESS	AUX/140'0"	A-306	SAL-71C-01-140-12 SAL-71C-01-140-01 SAL-71C-01-140-13	SEE NOTE 6
NC-V049	SAMPLE CLR OUT VLV-REAC COOL	AUX/140'0"	A-365	NONE	SEE NOTE 5,42
NC-V054	SAMPLE CLR OUT VLV-REAC COOL				SEE NOTE 5,42
GAGE NC-FI-55	SAMPLE CLR OUT FLOW IND REAC-COOL				SEE NOTE 5,42
SAMPLING EQUIP	SAMPLE ROOM	AUX/140'0"	A-325	SAL-71C-01-140-14	SEE NOTE 5
SAMPLING EQUIP	HOT LAB	AUX/140'0"	A-322	SAL-71C-01-140-07 SAL-71C-01-140-15	SEE NOTE 5
	ACCESS/EGRESS	AUX/140'0"	A-320	SAL-71C-01-140-16 SAL-71C-01-140-17 SAL-71C-01-140-09 SAL-71C-01-140-18	SEE NOTE 6
	ACCESS/EGRESS	AUX/140'0"	A-345	SAL-72C-01-140-02 SAL-72C-01-140-06	SEE NOTE 6
	ACCESS/EGRESS	AUX/140'0"	A-367	SAL-72C-01-140-10	SEE NOTE 6
CH-319	RWT TO CHARGING PUMP B ISO VLV	AUX/100'0"	A-120	SAL-72A-06-100-07	SEE NOTE 1
CH-756	RWT TO CHARGING PUMP B ISO VLV				SEE NOTE 1
	ACCESS/EGRESS	AUX/140'0"	A-368	SAL-72C-01-140-11 SAL-72C-01-140-12	SEE NOTE 6

TABLE 1

APPENDIX "R" EMERGENCY LIGHTING REQUIREMENTS

SAFE SHUTDOWN EQUIPMENT ID #	DESCRIPTION	BLDG/ELEV	ROOM NO..	EMERGENCY LIGHTS	BASIS
P-ECB-V175	CHILLED WTR EXPAN TK MK-UP	CNTRL/74'0"	J-A05	SJL-D79-02-074-02	SEE NOTE 19
SURGE TANK LEVEL	(VALVES EC-V545,V061)			SJL-D79-02-074-07	SEE NOTE 42
M-HJB-Z03	CNTRL BLDG ESF SWGR RM ESS			SJL-D79-02-074-08	SEE NOTE 20
	AIR HANDLING UNIT TRAIN B			SJL-D79-02-074-09	
E-PGA-L31	LOAD CNTR	CNTRL/100'0"	J-103	EQBN-002-B	SEE NOTE 21
E-PGA-L35	LOAD CNTR			EQBN-002-C	SEE NOTE 22
E-PGA-L33	LOAD CNTR			EQBN-002-D	SEE NOTE 23
E-PBA-S03	4160 SWGR			SJL-D80-02-100-03	SEE NOTE 24
				SJL-D80-02-100-10	
	ACCESS/EGRESS				SEE NOTE 42
E-PBB-S04	4160 SWGR	CNTRL/100'0"	J-114	SJL-D79-02-100-03	SEE NOTE 25
E-PGB-L32	LOAD CENTER			SJL-D79-02-100-04	SEE NOTE 33
E-PGB-L34	LOAD CENTER			EQBN-001-A	SEE NOTE 34
E-PGB-L36	LOAD CENTER			EQBN-001-B	SEE NOTE 35
E-PHB-M32	MTR CNTRL CNTR			EQBN-001-C	SEE NOTE 36,42
E-ZJB-C01	AUX RELAY CABINET				SEE NOTE 28,42
N/A	HOSE STATION				SEE NOTE 10
E-DGB-C01	DISCONNECT CABINET				SEE NOTE 27
E-PKDM44	DC CNTRL CNTR	CNTRL/100'0"	J-109	EQBN-001-D	SEE NOTE 31
E-PKD-B44	DISCONNECT CAB				SEE NOTE 44
E-PKD-H14	BATTERY CHARGER				SEE NOTE 42
E-PKAM41	DC CNTRL CNTR	CNTRL/100'0"	J-105	EQBN-002-F	SEE NOTE 29,42
E-PKA-D21	DC DISTR PNL				SEE NOTE 29
J-CHN-UV-501	VCT OUTLET VALVE	AUX/120'0"	A-217	SAL-72D-03-120-08	SEE NOTE 39
CH-V-183	RMWT TO CHARGING PUMP ISO VLV				SEE NOTE 3

TABLE 1

APPENDIX "R" EMERGENCY LIGHTING REQUIREMENTS

SAFE SHUTDOWN EQUIPMENT ID #	DESCRIPTION	BLDG/ELEV	ROOM NO..	EMERGENCY LIGHTS	BASIS
E-PKCM43	DC CNTRL CNTR	CNTRL/100'0"	J-108	EQBN-002-A	SEE NOTE 32
E-PKBM42	DC CONTRL CNTR	CNTRL/100'0"	J-112	EQBN-001-F	SEE NOTE 31,42
J-ZJA-E01	REMOTE SHUTDOWN PNL	CNTRL/100'0"	J-113A	EQBN-002E SJL-D81-05-100-01	SEE NOTE 8
J-ZJB-E01	REMOTE SHUTDOWN PNL	CNTRL/100'0"	J-113B	EQBN-001-E	SEE NOTE 8
J-ZJB-E02	REMOTE SHUTDOWN PNL			SJL-D84-18-100-01	SEE NOTE 5, 8
	ACCESS/EGRESS	CNTRL/100'0"	STWY C	SJL-D80-10-100-20 SJL-D80-10-100-02 SJL-D80-10-110-03 SJL-D80-10-130-04	SEE NOTE 6
	ACCESS/EGRESS	CNTRL/100'0"	J-122	SJL-D79-04-100-06	SEE NOTE 6
	ACCESS/EGRESS	CNTRL/100'0"	J-123	SJL-D74-04-100-07 SJL-D74-04-100-09	SEE NOTE 6,42
	ACCESS/EGRESS	CNTRL/140'0"	J-302	SJL-D81-18-140-01 SJL-D81-18-140-02	SEE NOTE 6
	ACCESS/EGRESS	CNTRL/140'0"	J-305	SJL-D81-18-140-06	SEE NOTE 6
	ACCESS/EGRESS	CNTRL/140'0"	J-312	SJL-D84-18-140-03	SEE NOTE 6
	ACCESS/EGRESS	CNTRL/140'0"	J-317 UNIT 3	SJL-D81-18-140-06	SEE NOTE 6

TABLE 1

APPENDIX "R" EMERGENCY LIGHTING REQUIREMENTS

SAFE SHUTDOWN EQUIPMENT ID #	DESCRIPTION	BLDG/ELEV	ROOM NO..	EMERGENCY LIGHTS	BASIS
	ACCESS/EGRESS	CNTRL/140'0"	J-317	SJL-D84-18-140-11 UNITS 1 &2	SEE NOTE 6
	ACCESS/EGRESS	CNTRL/140'0"	J-303	SJL-D84-18-140-08	SEE NOTE 6
	ACCESS/EGRESS	CNTRL/140'0"	J-321/U1 J-320/U2&3	SJL-D80-07-140-11 SJL-D80-07-140-12	SEE NOTE 6
	ACCESS/EGRESS	CORR/140'0"	J321 LOBBY	SJL-D80-07-140-07 SJL-D80-07-140-08	SEE NOTE 6
	ACCESS/EGRESS	CORR/140'0' TO 100'0"	J-121 STWY A	SJL-D79-10-130-02 SJL-D79-10-110-01	SEE NOTE 6
	ACCESS/EGRESS	CORR/100'0" TO 74'0"	J-A08 STWY B	SJL-D79-04-80-08	SEE NOTE 6,42
	ACCESS/EGRESS	DSL/100'0"	G-101	SGL-D80-05-115-07	SEE NOTE 6
J-DGB-B01	DG CNTRL PL B (ENG)	DSL/100'0"	G-105	SGL-D79-05-100-03	SEE NOTE 9,42
J-DGB-B02	DG CNTRL PL B (GEN)				SEE NOTE 9
N/A	DRAIN LN N-033-HBDA	DSL/100'0"	G-104	SGL-D79-05-100-02	SEE NOTE 10,42
P-DGB-V013	JCKT WTR ISO VLV V013			SGL-D79-05-100-05	SEE NOTE 10,42
P-DGB-V064	JCKT WTR BYPASS VLV V064				SEE NOTE 10,42
P-DGB-V072	ISO DRAIN VLV V072				SEE NOTE 10,42
	SURGE TANK LEVEL				SEE NOTE10,42

TABLE 1

APPENDIX "R" EMERGENCY LIGHTING REQUIREMENTS

SAFE SHUTDOWN EQUIPMENT ID #	DESCRIPTION	BLDG/ELEV	ROOM NO..	EMERGENCY LIGHTS	BASIS
E-NGN-L11	LOAD CENTER (PRESS HTRS)	AUX/100'0"	A-102	SAL-71C-03-100-05 SAL-71C-03-100-08	SEE NOTE 40,42
NCN-UV-99	NCW CONT HEADER RTN VLV	AUX/70'0"	A-B28	NONE	SEE NOTE 41,42
EW-HCV-146	XTIE TO NCWS	AUX/70'0"	A-B19	NONE	SEE NOTE 41,42
EW-HCV-66	XTIE FROM NCWS	AUX/70'0"	A-B19	NONE	SEE NOTE 41,42
SSN-V819	BYPASS VLV FOR HV-15	AUX/88'0"	A-A14	NONE	SEE NOTE 41,42
CH-HV-524	CHARGING FLOW PATH				SEE NOTE 42
	ACCESS//EGRESS	AUX/70'0"	A-B18	SAL-72A-03-070-02	SEE NOTE 6
	ACCESS/EGRESS	AUX/100'0"	A-101	NONE	SEE NOTE 6,42
NAN-S01	13.8 KV SWGR	TURB/100'0"	T104	NONE	SEE NOTE 42,45
NAN-S02	13.8 KV SWGR				
	ACCESS/EGRESS	TURB/100'0"	T101	NONE	SEE NOTE 6,42
	ACCESS/EGRESS	TURB/100'0"	WALK WAY BET AUX & TURB	STL-74C-09-100-01	SEE NOTE 6
	ACCESS/EGRESS	AUX/120'	A-236	NONE	SEE NOTE 42

TABLE 1

APPENDIX "R" EMERGENCY LIGHTING REQUIREMENTS

1.USE FOR BORATED WATER FLOW PATH FROM RWT TO CHARGING PUMP " B ", SO THAT THE OPERATOR HAS A MEANS OF REACTIVITY CONTROL FOR SAFE SHUTDOWN PER REFERENCE 2, 3, & 4 (VALVES CH-HV-530, CH-V327, CH-V756,AND CHN-V319).

2. USE AS AN ALTERNATE FLOW PATH FOR BORATED WATER FROM RWT TO CHARGING PUMP "B " SO THAT THE OPERATOR HAS A MEANS OF REACTIVITY CONTROL FOR SAFE SHUTDOWN PER REF 3 (VALVES CH-HV-532 AND CH-HV-536).

3. MANUAL VALVE CHN-V183 IS USED TO ISOLATE FLOW PATH BETWEEN THE RMWT TO THE CHARGING PUMP SUCTION TO PREVENT INADVERTENT BORON DILUTION.

4. POWER SUPPLY TO CEDM SETS ARE FED FROM L03C4 AND L10C4 AT LOAD CENTERS E-NGN-L03 AND E-NGN-L10 RESPECTIVELY. TO ENSURE REACTOR SHUTDOWN , OPEN CEDM MG SETS POWER SUPPLY BREAKERS L034 AND L10C4, PER 1.

5. USED FOR RCS (BORON) SAMPLE FLOW PATH PER REF 2 AND APPENDIX K OF REF 4. RCS (BORON) SAMPLES ARE TAKEN OFF HOT LEG SAMPLE LINE USING SSA-UV203, SSB-UV200 AND SSN-HV15. RCS (BORON) SAMPLE MUST BE ANALYZED TO ENSURE REACTIVITY CONTROL (BORON DILUTION CONSIDERATION) FOR SAFE SHUTDOWN (NC-F1-55, SSA-HS-203A-2, SSA-HS-203A-1, SSB-HS-200A-2 AT J-ZJB-E02, SSB-HS-200A-1,HS-15,CS-1 FOR PKA-M4102).

6. USE FOR ACCESS/EGRESS TO AND FROM SAFE SHUTDOWN EQUIPMENT THAT REQUIRE MANUAL OPERATION.

7. OPEN BREAKER M3424 ON MCC PHB-34 WHICH FED POWER TO CONDENSATE TRANSFER PUMP " B " (CTB-P01) TO PREVENT LOSS OF CST VOLUME DUE TO A SPURIOUS SIGNAL STARTING CTB-P01 PUMP(APPENDIX B OF REF.4).

8. DURING CONTROL ROOM FIRE THE SECOND POINT OF CONTROL TO SAFE SHUTDOWN EQUIPMENT THAT ARE ELECTRICALLY CONTROLLED ARE AT THE REMOTE SHUTDOWN PANELS PER REF. 1, 2 & 4.

9. DURING A CONTROL ROOM FIRE AND SUBSEQUENTLY A LOP CONDITION OCCURS, THE DSL-GEN TRAIN B CONTROL PANELS ARE REQUIRED TO LOCALLY OPERATE THE DSL-GEN SET (TRAIN B) IN ACCORDANCE TO APPENDIX F OF REF 4 THIS WILL ASSURE AC POWER TO SUPPORT OPERATION OF SAFE SHUTDOWN SYSTEMS PER REF. 2 &4.

10. VALVES P-DGB-V013, P-DGB-V064, P-DGB-V072 AND DRAIN LINE N-033-HBDA (OR FIRE HOSE STATION 108) ARE USED TO MAKE-UP D.G. JACKET WATER SURGE TANK FROM THE FIRE SYSTEM PER REF 4. THESE ARE REQUIRED TO SUPPORT LOCAL MANUAL OPERATION OF THE DSL-GEN SET (TRAIN B).

TABLE 1

APPENDIX "R" EMERGENCY LIGHTING REQUIREMENTS

11. CONTAINMENT SPRAY MAY OCCUR DUE TO SPURIOUS CSAS (LOSS OF BORATED WATER SUPPLY) DURING A CONTROL ROOM FIRE. TO PREVENT SPURIOUS SIGNAL FROM OPENING VALVES J-SIA-UV-672 AND J-SIB-UV-671 TO PREVENT THE LOSS OF RWT AND/OR THE INITIATION OF AN UNDESIRED RAS, ENSURE THAT SUBJECT VALVES ARE CLOSED BY PHYSICALLY VERIFYING VALVES AND THEN OPENING THE BREAKERS (M3511 AND M3612) AT MCC'S E-PHA-M35 AND E-PHB-M36, RESPECTIVELY.

12. VALVES EW-185,EW-V108, AND EW-V225 ARE USED FOR MAKE-UP TO ESSENTIAL COOLING WATER " B " SURGE TANK, THESE ARE REQUIRED TO ENSURE ESSENTIAL COOLING WATER AVAILABILITY FOR SAFE SHUTDOWN.

13. DISCONNECTION OF CONTROL ROOM CIRCUITS (PRIMARY SI) TO PREVENT SPURIOUS ACTUATION. DE-ENERGIZATION OF M-CTB-P01 TO PREVENT SPURIOUS ACTUATION.

14. DISCONNECTION OF CONTROL ROOM CIRCUITS (PRIMARILY SI) TO PREVENT SPURIOUS ACTUATION. OPERATION /CONTROL OF SI VALVES, BATTERY CHARGER B, AND ELECTRICAL PENETRATION ROOM ACU FAN.

15. DISCONNECTION OF CONTROL ROOM CIRCUITS FOR SI VALVES, AND LOCAL CONTROL. VERIFICATION OF PUMP B ACU FAN OPERABILITY FOR LPSI, AFW, AND ECW.

16. DISCONNECTION OF CONTROL ROOM CIRCUITS FOR CHN-UV-501, CHN-HV-536 TO PREVENT SPURIOUS ACTUATION, AND PROVIDES LOCAL CONTROL.

17. OPEN BREAKER M3308 TO PREVENT CST VOLUME LOSS DUE TO SPURIOUS ACTUATION OF A CONDENSATE TRANSFER PUMP CTA-P01.

18. OPEN BREAKER M3511 TO PREVENT SPURIOUS ACTUATION OF SIA-UV-672. OPEN BREAKER M3520 TO PREVENT SPURIOUS ACTUATION OF CHA-HV-524.

19. VALVE ECB-V175 IS A BYPASS VALVE FOR LEVEL CONTROL VALVE J-ECB-LV-16. TO ENSURE MAKEUP ADDITION TO THE SOURCE TANK, MANUALLY OPEN VALVE ECB-V175 TO ADD MAKEUP TO THE SYSTEM.

20. TO ENSURE HABITABILITY OF CONTROL BLDG SWGR ROOMS AND RSP ROOMS AT ELEVATION 100'0", M-HJB-Z03 (CONTROL BLDG ESF SWGR RM ESSENTIAL AIR HANDLING UNIT TRAIN B) SHOULD BE IN OPERATION DURING A CONTROL ROOM FIRE TO SAFELY SHUTDOWN THE UNIT.

TABLE 1

APPENDIX "R" EMERGENCY LIGHTING REQUIREMENTS

21. RACK OUT CHARGING PUMP 1 BREAKER L31C4 TO PREVENT SPURIOUS OPERATIONS.

22. RACK OUT CHARGING PUMP 3 BREAKER L35C3 TO PREVENT SPURIOUS OPERATIONS.

23. TRIP BREAKER L33D4 AND DE-ENERGIZE CONTROL POWER TO PREVENT SPURIOUS ACTUATION OF TRAIN A PRESSURIZER BACKUP HEATERS.

24. OPEN BREAKERS S03S, E, AND D AND REMOVE THE CORRESPONDING CONTROL POWER FUSES ON BLOCK " UC " TO PREVENT SPURIOUS ACTUATION OF AFN-P01, SIA-P02, AND SIA-P03.

25. DISCONNECTION FROM CONTROL ROOM TO PREVENT SPURIOUS ACTUATION AND PROVIDES LOCAL CONTROL FOR SI, AF, SPRAY POND SYSTEM, EW, EC AND LOCALIZING POWER CONTROL. USED FOR SEQUENCING DG WHEN SEQUENCER IS INOPERABLE. USED FOR VENTILATION LINE UP.

26. TO PREVENT A SPURIOUS SIGNAL FROM OPENING AUX SPRAY VALVE CHA-HV-205, OPEN DISCONNECT SWITCH 09-07 IN AUX RELAY PANEL ZAA-C03.

27. DISCONNECT SWITCHES DGB-HS-2A, DGB-HS-2B, PEB-HS-2, HDB-HS-14A, AND DFB-HS-22C MOUNTED AT D.G.. DISC. CAB E-DGB-C01 ARE USED IN THE MANUAL OPERATION OF DSL GEN-SET TRAIN B. DSL-GEN TRAIN B IS USED FOR SAFE SHUTDOWN WHEN A CONTROL ROOM FIRE OCCURS.

28. TO ISOLATE ESF SWGR ROOM DURING A CONTROL ROOM FIRE, OPEN DISCONNECT SWITCHES DS-01-01 (HJB-M28 & M52 ISO-DAMPERS) AND DS-01-06 (HJB-M31, M34, M38, M66 ISO-DAMPERS) LOCATED AT ZJB-C01 (AUX RELAY PANEL). THIS IS REQUIRED TO ENSURE HABITABILITY OF ESF SWR ROOMS AND REMOTE SHUTDOWN ROOMS.

29. REQUIRED TO OPEN CIRCUIT BREAKERS D2102, D2108, D2109, D2114 AND D2130 AT THE TRAIN A, DC DISTRIBUTION PANEL EPKA-D21 (LOCATED IN E-PKA-M41) TO CLOSE MSIV'S, THE MSIV BYPASS VALVES, THE BLOWDOWN SAMPLE ISOLATION VALVES THE FEEDWATER ISOLATION VALVES AND TO PRECLUDE SPURIOUS OPENING OF THE TRAIN A ATMOSPHERIC DUMP VALVES. THESE ACTIONS ARE REQUIRED TO PRECLUDE STEAM GENERATOR OVER FILLING, UNCONTROLLED RCS COOLDOWN AND DEGRADED CORE COOLING.

TABLE 1

APPENDIX "R" EMERGENCY LIGHTING REQUIREMENTS

30. OPEN DISCONNECT SWITCH 16-10 ON ZAN-C02 TO PRECLUDE CH-PDV-240 FAILS CLOSED TO ENSURE A SPURIOUS SIGNAL DOES NOT OPEN THE SUBJECT VALVE CAUSING A LOSS OF AUX SPRAY FLOW. AUX RELAY CABINET ZAN-C01 SERVES AS A MEANS OF DISCONNECTING POWER TO VALVES J-CHN-UV-527 (TO CLOSED) AND J-CHN-HV-532 (TO OPEN).

31. REQUIRED TO OPERATE CONTROL SWITCH CS-1 TO " LOCAL " TO REMOVE CONTROL ROOM SPURIOUS SIGNALS, BATTERY CHARGERS.

32. REQUIRED FOR PLACING THE BREAKER FOR SDC SUCTION VALVE J-SIC-UV-653 IN THE OPEN CONDITION DURING NORMAL PLANT OPERATING CONDITIONS WHEN RCS PRESSURE IS GREATER THAN THE SDC SYSTEM SUCTION ISOLATION INTERLOCK SETPOINT.

33. CHARGING PUMP 2 DISCONNECT FROM CONTROL ROOM TO PREVENT SPURIOUS OPERATION AND LOCAL CONTROL INCLUDING ITS SEQUENCING FOR DG.

34. DISCONNECT AT L36B2 TO PREVENT SPURIOUS CONCERNS FROM CONTROL ROOM. MAIN FEEDER BREAKER FROM E-PBB-S04.

35. DISCONNECT AT L36B2 TO PREVENT SPURIOUS CONCERNS FROM CONTROL ROOM. MAIN FEEDER BREAKER TO PREVENT SPURIOUS ACTUATIONS OF CHARGING PUMP 3 CHE-P01.

36. DISCONNECTION TO LOCAL CONTROL TO PREVENT CONTROL ROOM SPURIOUS ACTUATION OF ESF SWGR ROOM ESSENTIAL AHU FAN, CONTROL BUILDING BATTERY ROOMS B AND D FANS, AND BATTERY CHARGER D. LOCAL CONTROL AND SEQUENCING FOR DG.

37. LOSS OF PRESSURIZER CONTROL MAY OCCUR DUE TO SPURIOUS OPENING OF PRESSURIZED VALVE J-CHB-HV-203 DURING A FIRE AT FIRE ZONE 2 PER REF 1. TO OVERCOME SPURIOUS UNCONTROLLED RCS DE- PRESSURIZATION, STOP CHARGING FLOW AND OPEN DISCONNECT SWITCH DS-09-12 AT AUXILIARY RELAY CABINET E-ZAB-C03 TO CLOSE J-CHB-HV-203.

38. UNCONTROLLED LOSS OF RCS INVENTORY AND PRESSURE MAY OCCUR DUE TO MULTIPLE SPURIOUS OPENINGS OF REACTOR COOLANT GAS VENT SYSTEM (RCGVS) VALVES . DURING A CONTROL ROOM FIRE, OPEN SWITCHES DS-21-08 IN AUX RELAY CABINET E-ZAB-C06 AND DS-21-08 IN AUX RELAY CABINET E-ZAA-C06 TO ENSURE CLOSURE OF VENT VALVES J-RCB-HV-105 AND J-RCA-HV-106 RESPECTIVELY TO ISOLATE THE VENT PATHS.

TABLE 1

APPENDIX "R" EMERGENCY LIGHTING REQUIREMENTS

39. LOCAL MANUALLY CLOSE VALVE J-CHN-UV-501 TO ENSURE THE ABILITY TO PREVENT INADVERTENT BORON DILUTION WHEN THERE IS FIRE IN FIRE ZONE 14, OR FIRE ZONE 52D OR FIRE ZONE 53, PRE REF 1.

40. REQUIRED TO TAKE LOCAL MANUAL CONTROL OF PRESSURIZER HEATERS.

41. REQUIRED TO OBTAIN BORON SAMPLING DURING LOP FOR REACTIVITY CONTROL DUE TO LOSS OF NCWP.

42. INSUFFICIENT LIGHTING WILL BE CORRECTED BY DCP QD-023.

43. DELETED

44. DISCONNECT SWITCH FOR SID-UV-654, TO PREVENT SPURIOUS ACTUATION.

45. TO PREVENT SPURIOUS ACTUATION OF ALL REACTOR COOLANT PUMPS, REACTOR COOLANT PUMPS BREAKERS S01L,S01M AND S02L,S02M AT SWGR E-NAN-S01 AND SWGR E-NAN-S02, RESPECTIVELY, MUST BE OPENED TO STOP THE PUMPS. AFTER TRIPPING, PULL OUT U/C FUSE ON EACH PUMP BREAKER SO THAT PUMP CANNOT RESTART SPURIOUSLY.

46. NEED TO CORRECT LABELING ON VALVE TO MAKE VISIBLE WITH EMERGENCY LIGHTS.

ATTACHMENT

TWO

TABLE 2

EMERGENCY LIGHTING ENHANCEMENTS

EQUIPMENT TAG NO.	BLDG/ELEV	ROOM NO.	EMERGENCY LIGHT	COMMENTS
CONDENSATE STORAGE TANK LEVEL J-CTN-LI-22	CTPH/100'0"	Y-116	E-SYU-03E-20-100-05 E-SYU-03E-20-100-06	THE CONDENSATE STORAGE TANK HAS SUFFICIENT INVENTORY (NOMINAL 550,000 GALLONS WHEREAS ONLY 330,000 GALLONS ARE NEEDED) TO ALLOW FOR 8 HOURS OF HOT STANDBY FOLLOWED BY AN ORDERLY SHUT DOWN COOLING SYSTEM CONDITIONS
AFWP TURB STEAM SUPPLY VLV J-SGA-UV-134	MSSS/120'	C-205	SCL-72A-14-120-06 SCL-72A-14-120-14	VALVES SGA-UV-134 AND 138 ARE NORMALLY CLOSE VALVES. FIRE IN ZONE 72 OR 74A OR 74B DOES NOT SPURIOUSLY OPEN THESE VALVES
AFWP TURB STEAM SUPPLY VLV J-SGA-UV-138	MSSS/120'	C-206	SCL-72A-14-120-05 SCL-72A-14-120-13	SAME AS ABOVE
ATM DUMP VLVS STM GEN 1 J-SGA-HV-184 LINE 1 TRAIN A STM GEN 1 J-SGB-HV-178 LINE 2 TRAIN B INSTRMT AIR MAN VLVS P-SGN-V963,P-SGN-V964	MSSS/140'	C-302	SCL-72A-14-140-15 SCL-72A-14-140-16 SCL-72A-14-140-17	THE ATM DUMP VALVES (J-SGA-HV-179, 184, J-SGB-HV-178, 185) AND THEIR ASSOCIATED INSTRUMENT AIR MANUAL VALVES (P-SGN-V-963, 964, 965, 966) ARE INCLUDED TO PROVIDE LOCAL CONTROL FOR SYMMETRICAL COOLING HOWEVER, ASYMMETRICAL COOLING WILL SAFELY SHUTDOWN THE PLANT.

TABLE 2

EMERGENCY LIGHTING ENHANCEMENTS

EQUIPMENT TAG NO.	BLDG/ELEV	ROOM NO.	EMERGENCY LIGHT	COMMENTS
ATM DUMP VLVS STM GEN 2 J-SGB-HV-185 LINE 1 TRAIN B STM GEN 2 J-SGA-HV-179 LINE 2 TRAIN A INSTRMT AIR MAN VLVS P-SGN-V965,P-SGN-V966	MSSS/140'	C-303	SCL-72A-14-140-18 SCL-72A-14-140-19 SCL-72A-14-140-20	SAME AS ABOVE
ACCESS/EGRESS	MSSS/81' TO 140' STAIRS K		SCL-74C-09-100-05 SCL-74C-09-110-07 SCL-74C-09-130-08 SCL-74C-09-140-09 SCL-74C-09-090-06	NOT NEEDED SINCE NO DESIGN BASIS EQUIP MENT REQUIRED IN AREAS THAT THESE ACCESS/EGRESS
M-AFA-K01,J-AFA-E01 J-AFA-HV-54,J-AFC-HV-33 J-AFC-UV-36,J-AFA-UV-37 J-AFA-HV-32	MSSS/81'0"	C-A09	SCL-72A-14-081-01 SCL-72A-14-081-11	LOCAL MANUAL TRIPPING OF THE AFWP TURB-INE,M-AFA-K01, CAN BE ACCOMPLISHED BY A TRIP LEVER ON THE TURBINE PEDESTAL. THIS IS NOT NEEDED, SINCE THE TURBINE CAN BE STOPPED VIA J-AFA-SK-52B (SPEED CONTROLLER) LOCATED AT THE REMOTE SHUTDOWN PANEL J-ZJA-E01 AS AN ALTERNATE MEANS OF STOPPING THE TURBINE, J-AFA-HS-54B CAN ALSO BE USED (SEE COMMENTS UNDER C-205) THE TRAIN A REGULATION AND ISOLATION VLVS CONTROL THE FLOW FROM THE AUX FEED-WATER PUMP TO THE STEAM GENERATORS. TRAIN A TURBINE AFWP REGULATION VLVS J-AFA-HV-32, J-AFC-HV-33, AND ALSO ISOLATION

TABLE 2

EMERGENCY LIGHTING ENHANCEMENTS

EQUIPMENT TAG NO.	BLDG/ELEV NO.	ROOM	EMERGENCY LIGHT	COMMENTS
				VALVES J-AFA-UV-37, J-AFC-UV-36 MAYBE CONTROLLED FROM THE REMOTE SHUTDOWN PANELS J-ZJA-E01 AND J-ZJA-E02 (SWITCHES J-AFA-HS-32B, J-AFC-HS-33B, J-AFA-HS-37B AND J-AFC-HS-36B, RESPECTIVELY) IN ADDITION, MISMATCHED STEAM GENERATOR LEVELS WILL NOT PREVENT THE UNIT FROM SAFELY SHUTTING DOWN.
J-AFB-HV-30,J-AFB-HV-31 J-AFB-UV-34,J-AFB-UV-35 P-AFB-V028,P-AFB-V021	MSSS/81'0"	C-A10	SCL-72A-14-081-02 SCL-72A-14-081-12	P-AFA-V021 AND V028 ARE USED TO PROVIDE A BACKUP SOURCE OF WATER FROM THE RMWT HOWEVER, THE CT HOLDS 550,000 GALLONS WHEREAS ONLY 330,000 GALLONS ARE NEEDED TO PROVIDE 8 HRS OF HOT STANDBY FOLLOWED BY AN ORDERLY SHUTDOWN. THE TRAIN B REGULATION AND ISOLATION VLVS CONTROL THE FLOW FROM THE B AUX FEEDWATER PUMP TO THE STEAM GENERATORS. TRAIN B REGULATION VALVES J-AFB-HV-30, 31 AND ALSO TRAIN B ISOLATION VALVES J-AFB-UV-34, 35 MAYBE CONTROLLED AT THE SHUTDOWN PANEL J-ZJV-E01 VIA J-AFB-HS-30B, 31B, 34B AND 35B RESPECTIVELY. IN ADDITION, MISMATCHED STEAM GENERATOR LEVELS WILL NOT PREVENT THE UNIT FROM SAFELY SHUTTING DOWN
ACCESS/EGRESS	TUR/100'0"	WALK WAY BET AUX & TURB	STL-74C-09-100-02 STL-74C-09-100-03 STL-74C-09-100-04	NOT NEEDED SINCE NO DESIGN BASIS EQUIPMENT REQUIRED IN AREAS THAT THESE ACCESS/EGRESS

ATTACHMENT

THREE

BUILDING/ELEV	ROOM #	FIRE ZONE	EMERGENCY FIXTURES	EMERGENCY OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ44 STEP	REFERENCES	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION	DESIGN BASIS REQUIREMENT
AUX BLDG/51'-6"	A-C13	88	SAL-72A-04-051-10 SAL-72A-04-051-11	ILLUMINATE TO OPERATE CH-HV-530 ACCESS/EGRESS	APPX C, SEC 1.1.2.1	13-E-ZPL-001, REV 4 13-A-ZAD-201, REV 19 USFAR - FIG. 9B-18	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS	LABEL ON VALVE IS NOT VISIBLE	WR 337372 WILL CORRECT	YES
AUX BLDG/70'-0"	A-E04 STWY F	37C	SAL-71A-01-077-02	ACCESS/EGRESS	--	13-E-ZPL-002, REV 5 13-A-ZAD-201, REV 19 UFSAR - FIG. 9B-19				YES
AUX BLDG/70'-0"	A-E02 STWY F	N/A	SAL-71C-07-077-01	ACCESS/EGRESS	--	13-E-ZPL-002, REV 5 13-A-ZAD-201, REV 19				YES
AUX BLDG/70'-0"	A-E05	37C	SAL-71A-01-077-01	ACCESS/EGRESS	--	13-E-ZPL-002, REV 5 13-A-ZAD-201, REV 19 UFSAR - FIG. 9B-19				YES
AUX BLDG/70'-0"	A-E07	37A	SAL-71A-01-070-15 SAL-71A-01-070-05 SAL-71A-01-070-14	ACCESS/EGRESS	--	13-E-ZPL-002, REV 5 13-A-ZAD-201, REV 19 UFSAR - FIG. 9B-19				YES
AUX BLDG/70'-0"	A-E10	37A 37B	SAL-71A-01-070-13 SAL-71A-01-070-11 SAL-72A-03-070-14	ACCESS/EGRESS	--	13-E-ZPL-002, REV 5 13-A-ZAD-201, REV 19 UFSAR - FIG. 9B-19				YES
AUX BLDG/70'-0"	A-E38	36	SAL-71A-01-070-12	VALVE CH-532 VALVE CH-536	LETTER V-CE-30368 DTD. 6/11/84	13-E-ZPL-002, REV 5 13-A-ZAD-201, REV 19 UFSAR - FIG. 9B-19	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS			YES
AUX BLDG/ 51'6" - 70'0"	AC11 STWY H	37B	SAL-72A-04-070-07	ACCESS/EGRESS	--	13-E-ZPL-002, REV 5 13-A-ZAD-201, REV 19 UFSAR - FIG. 9B-19	ACCESS/EGRESS PER 13-E-ZPL-002 DRAWING			YES
AUX BLDG/70'-0"	A826 STWY G		SAL-72C-07-087-01	ACCESS/EGRESS	--	13-E-ZPL-002	ACCESS/EGRESS PER 13-E-ZPL-002			YES

BUILDING/ELEV	ROOM #	FIRE ZONE	EMERGENCY FIXTURES	EMERGENCY OPERABILITY REQUIREMENTS	PROCEDURE 42A0-2ZZ44 STEP	REFERENCES	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION	DESIGN BASIS REQUIREMENT
AUX BLDG/70'-0"	A-B25 STWY F	37D	SAL-72A-03-077-10	ACCESS/EGRESS	--	13-E-ZPL-002, REV 5 13-A-ZA0-201, REV 19 UFSAR - FIG. 9B-19	ACCESS/EGRESS PER 13-E-ZPL-002 DRAWING			YES
AUX BLDG/70'-0"	A827	37D	NONE	ACCESS/EGRESS	--	13-E-ZPL-002, REV 5	NO EMERG LIGHTS EXIST WILL NEED TO CORRECT	NEED TO ESTABLISH SAFE SHUTDOWN PATH	WILL BE CORRECTED BY CO-025	YES
AUX BLDG/70'-0"	A-B26 STWY F	37D	SAL-72A-03-077-03 SAL-72A-03-077-01 SAL-72A-03-077-09	OPEN 3-CHB-V327 & ACCESS/EGRESS	APPX C: 1.2	13-E-ZPL-002, REV 5 13-A-ZA0-201, REV 19 UFSAR - FIG. 9B-19	ACCESS/EGRESS PER 13-E-ZPL-002 DRAWING			YES
AUX BLDG/88'-0"	STWY F	N/A	SAL-71C-07-057-07	ACCESS/EGRESS	--	13-E-ZPL-002, REV 5 13-A-ZA0-201, REV 19 UFSAR - FIG. 9B-20	ACCESS/EGRESS PER 13-E-ZPL-002 DRAWING			YES
AUX BLDG/88'-0"	A-A01	37C	SAL-71A-01-058-16	ACCESS/EGRESS	--	13-E-ZPL-002, REV 5 13-A-ZA0-201, REV 19 UFSAR - FIG. 9B-20	ACCESS/EGRESS PER 13-E-ZPL-002 DRAWING			YES
AUX BLDG/88'-0"	A-A02	37C	SAL-71A-01-058-10 SAL-71A-01-058-17	ACCESS/EGRESS SIA-UV-672	APPX B, STEP 7	13-E-ZPL-002, REV 5	ACCESS/EGRESS PER 13-E-ZPL-002 DRAWING			YES
AUX BLDG/88'-0"	A-B26 STWY G	N/A	SAL-72C-07-096-06	ACCESS/EGRESS	--	13-E-ZPL-002, REV 5 13-A-ZA0-201, REV 19 UFSAR - FIG. 9B-20	ACCESS/EGRESS PER 13-E-ZPL-002 DRAWING			YES
AUX BLDG/100'-0"	A-102	42A	SAL-71C-03-100-05 SAL-71C-03-100-08	E-NON-LII	2.6.3.2.4, 6.3.1	13-E-ZPL-002, REV 5 13-A-ZA0-202, REV 17 UFSAR - FIG. 9B-21	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS	LII breakers could not be operated for lack of light - change normal to emerg feed from NOO3	Will correct by CO-023	YES
AUX BLDG/100'-0"	A130 STWY F	N/A	SAL-71C-07-110-02	ACCESS/EGRESS	--	13-E-ZPL-002, REV 5 13-A-ZA0-202, REV 17 UFSAR - FIG. 9B-21	ACCESS/EGRESS PER DWG 13-E-ZPL-002			YES
AUX BLDG/100'-0"	A-119	42C	SAL-72C-03-100-03 SAL-72C-03-100-06	ACCESS/EGRESS	--	13-E-ZPL-002, REV 5 13-A-ZA0-202, REV 17	ACCESS/EGRESS PER DWG 13-E-ZPL-002			YES

BUILDING/ELEV	ROOM #	FIRE ZONE	EMERGENCY FIXTURES	EMERGENCY OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ46 STEP	REFERENCES	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION	DESIGN BASIS REQUIREMENT
						UFSAR - FIG. 9B-21				
AUX BLDG/100'-0"	A-120	46B	SAL-72A-06-100-07	CH-319 CH-756	APPX C: 1.3, 1.6	13-E-ZPL-002, REV 5 13-A-ZAD-202, REV 17 UFSAR - FIG. 9B-21	ACCESS/EGRESS PER DWG 13-E-ZPL-002			YES
AUX BLDG/100'-0"	A-136	42C	SAL-72C-03-100-02	ACCESS/EGRESS	—	13-E-ZPL-002, REV 5 13-A-ZAD-202, REV 17 UFSAR - FIG. 9B-21	ACCESS/EGRESS PER DWG 13-E-ZPL-002			YES
AUX BLDG/100'-0"	A-133 STWY 6	N/A	SAL-72C-07-110-02	ACCESS/EGRESS	—	13-E-ZPL-002, REV 5 13-A-ZAD-202, REV 17 UFSAR - FIG. 9B-21	ACCESS/EGRESS PER DWG 13-E-ZPL-002			YES
AUX BLDG/100'-0"	A-127	42B	SAL-72C-03-100-01 E-OEN-004-A E-OEN-004-B E-OEN-004-C E-OEN-004-D	E-ZAB-C03 & C06 SSB-HS-200A-1 LOCATED IN E-SSB-304 MCC E-PHB-N34 TO OPEN BRKR N3424. PHB-N3415 PG 5 PHB-N3416 PG 5 PHB-N3412 PG 5 PHB-N3413 PG 5 PHB-N3604 PG 6 PHB-N3605 PG 6 PHB-N3606 PG 6 PHB-N3609 PG 6 PHB-N3621 PG 6 PHB-N3603 PG 6 PHB-N3604 PG 6 PHB-N3305 PG 7 PHB-N3810 PG 7 PHB-N3806, PG 7 ILLUMINATE: PHB-N3825, 27, 28, 31 ILLUMINATE PANEL PHB-N3610 TO CHECK POSITION OF CH-CV-530 ACCESS/EGRESS ILLUMINATE: PHB-N3810 PG 1 PHB-N3605 PG 1 PHB-N3606 PG 1 PHB-N3414 PG 2 PHB-N3415 PG 2 PHB-N3412 PG 2	APPX K: 3.5, 4.1 APPX B: STEP 10 APPX A: PGS 5, 6, & 7 APPX E: PGS 1 & 2 APPX C: 1.1.2.1 APPX I: PGS 1, 2, 3, & 5 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.14, 1.15, 1.20.1, AND 1.20.2 APPX O: PG 1 OF 2 & 2 OF 2	13-E-ZPL-002, REV 5 13-A-ZAD-202, REV 17 UFSAR - FIG. 9B-21	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS	ADD EMERG FLUORESCENT LGT OVER MCO, UPS OEN-004 CAN HAVE AN ADD'L LGT ADDED ON IT ADD ADDITIONAL EMERG LIGHT OVER E-ZAB-C04	MCO IS NOT REQUIRED FOR SAFE SHUTDOWN HOWEVER, POTENTIAL ENHANCEMENT AS PER PROCEDURE POST 8 HOUR	YES

BUILDING/ELEV	ROOM #	FIRE ZONE	EMERGENCY FIXTURES	EMERGENCY OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ14 STEP	REFERENCES	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION	DESIGN BASIS REQUIREMENT
				PHB-M3803 PG 2 PHB-M3609 PG 3 PHB-M3805 PG 3 PHB-M3606 PG 5 PHB-M3621 PG 5 ILLUMINATE ELECT EQUIP AS PER APPX D, PGS 1 & 2						
AUX BLDG/120'-0"	A-130 STWY F	N/A	SAL-71C-07-130-03	ACCESS/EGRESS	—	13-E-ZPL-002, REV 5 13-A-ZAD-202, REV 17 UFSAR - FIG 9B-22	ACCESS/EGRESS PER 13-E-ZPL-002			YES
AUX BLDG/120'-0"	A-201	52A	SAL-720-03-120-01	ACCESS/EGRESS	—	13-E-ZPL-002, REV 5 13-A-ZAD-202, REV 17 UFSAR - FIG 9B-22	ACCESS/EGRESS PER 13-E-ZPL-002			YES
AUX BLDG/120'-0"	A-204	48 & 52A	SAL-720-03-120-20 SAL-720-03-120-02 SAL-720-03-120-19 SAL-720-03-120-17 SAL-720-03-120-21	HOSE CONNECTION TO VA EW-V185 FIRE HOSE ST 38 VA'S: EW-V103, EW-V225 MONITOR SURGE TANK ACCESS/EGRESS E-NGN-L12	APPX J: 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, & 4.7 APPX K: 1.2.6 2.6.3.2.6 4.3.1	13-E-ZPL-002, REV 5 13-A-ZAD-202, REV 17 UFSAR - FIG 9B-22	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENT	LABEL ON EW-V185 NOT VISIBLE L12 BREAKERS WERE DIMLY LIT BUT ADEQUATE	NR 338129 WILL CORRECT CHANGE BULBS TO GE 9.2W (ENHANCEMENT) NR338128	YES
AUX BLDG/120'-0"	A-211	52D	SAL-720-03-120-05	ILLUMINATE: MN-M720B, MN-M7209 ACCESS/EGRESS	APPX A: PG 7	13-E-ZPL-002, REV 5 13-A-ZAD-202, REV 17 UFSAR - FIG 9B-22	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENT			YES
AUX BLDG/120'-0"	A-217	50B	SAL-720-03-120-08	ILLUMINATE VLV - 3-CHN-UV-501 CLOSE CH-V183	APPX A APPX C 2.1	13-E-ZPL-002, REV 5 13-A-ZAD-202, REV 17 UFSAR - FIG 9B-22	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENT			YES
AUX BLDG/120'-0"	A-218	51B	SAL-720-03-120-07	ACCESS/EGRESS	—	13-E-ZPL-002, REV 5 13-A-ZAD-202, REV 17 UFSAR - FIG 9B-22	ACCESS/EGRESS PER 13-E-ZPL-002			YES

BUILDING/ELEV	ROOM #	FIRE ZONE	EMERGENCY FIXTURES	EMERGENCY OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ16 STEP	REFERENCES	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION	DESIGN BASIS REQUIREMENT
AUX BLDG/120'-0"	A-223	5A	SAL-72D-03-120-09	ACCESS/EGRESS	--	13-E-ZPL-002, REV 5 13-A-ZAD-202, REV 17 UFSAR - FIG 9B-22	ACCESS/EGRESS PER 13-E-ZPL-002			YES
AUX BLDG/120'-0"	A-215	47B	SAL-72D-03-120-22 SAL-72D-03-120-11	E-NGN-L10	--	13-E-ZPL-002, REV 5 13-A-ZAD-202, REV 17 UFSAR - FIG 9B-22	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENT NOT IN PROCEDURE			YES
AUX BLDG/120'-0"	A-133 STWY 6	N/A	SAL-72C-07-130-03	ACCESS/EGRESS	--	13-E-ZPL-002, REV 5 13-A-ZAD-202, REV 17 UFSAR - FIG 9B-22	ACCESS/EGRESS PER 13-E-ZPL-002			YES
AUX BLDG/140'-0"	A-302	55C	SAL-71C-01-140-11	ACCESS/EGRESS	--	13-E-ZPL-003, REV 4 13-A-ZAD-203, REV 16 UFSAR - FIG 9B-23	ACCESS/EGRESS PER 13-E-ZPL-003			YES
AUX BLDG/140'-0"	A-306	57N	SAL-71C-01-140-12 SAL-71C-01-140-01 SAL-71C-01-140-13	ACCESS/EGRESS	--	13-E-ZPL-003, REV 4 13-A-ZAD-203, REV 16 UFSAR - FIG 9B-23	ACCESS/EGRESS PER 13-E-ZPL-003			YES
AUX BLDG/140'-0"	A-325	57C	SAL-71C-01-140-16	SAMPLE ROOM	APPX K: 1.1.1, 1.1.2, 1.2.2, 1.2.7	13-E-ZPL-003, REV 4 13-A-ZAD-203, REV 16 UFSAR - FIG 9B-23	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS			YES
AUX BLDG/140'-0"	A-365	57N	NONE	CHECK OPEN VLVS AND OPEN NC-V049, NC-V054 VERIFY FLOW GAGE NC-FI-55	APPX K: 1.1.1, 1.1.2, 1.2.2, 1.2.7	13-E-ZPL-003, REV 4 13-A-ZAD-203, REV 16 UFSAR - FIG 9B-23	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS	RELOCATE & UPGRADE EMERG LIGHTS TO 8 HOUR	WILL CORRECT BY CO-023	YES
AUX BLDG/140'-0"	A-322	57A	SAL-71C-01-140-07 SAL-71C-01-140-15	HOT LAB	APPX. K	13-E-ZPL-003, REV 4 13-A-ZAD-203, REV 16 UFSAR - FIG 9B-23	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS		REQUIRED FOR BORON SAMPLING TO MAIN PROPER REACTIVITY DURING SAFE SHUT-DOWN EVENT	YES
AUX BLDG/140'-0"	A-320	57N	SAL-71C-01-140-16 SAL-71C-01-140-17 SAL-71C-01-140-09 SAL-71C-01-140-18	ACCESS/EGRESS	--	13-E-ZPL-003, REV 4 13-A-ZAD-203, REV 16	ACCESS/EGRESS PER 13-E-ZPL-003			YES

BUILDING/ELEV	ROOM #	FIRE ZONE	EMERGENCY FIXTURES	EMERGENCY OPERABILITY REQUIREMENTS	PROCEDURE 42A0-2ZZ44 STEP	REFERENCES	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION	DESIGN BASIS REQUIREMENT
AUX BLDG/140'-0"	A-345	57N	SAL-72C-01-140-02 SAL-72C-01-140-06	ACCESS/EGRESS	—	13-E-ZPL-003, REV 4 13-A-ZA0-203, REV 16	ACCESS/EGRESS PER 13-E-ZPL-003			YES
AUX BLDG/140'-0"	A-368	57J	SAL-72C-01-140-11 SAL-72C-01-140-12	ACCESS/EGRESS	—	13-E-ZPL-003, REV 4 13-A-ZA0-203, REV 16	ACCESS/EGRESS PER 13-E-ZPL-003			YES
AUX BLDG/140'-0"	A-367	57J	SAL-72C-01-140-10	ACCESS/EGRESS		13-E-ZPL-003, REV 4 13-A-ZA0-203, REV 16				YES
AUX BLDG/ 70'-0"	A-828	37D	NONE	CLOSE THE NCW CONTAINMENT HEADER RETURN VALVE NCW-UV-99	APPX K: STEP 1, 2, 3	PRE-FIRE STRATEGIES, VOL 13-A-ZA0-201, REV 19		NEED TO ADD EMERG LTG IN RM A-828 TO OPERATE VLV NCW-UV-99; NO ESSEN OR EMERG IN ROOM NOW	PER APPX K OF PFPC 41A0-1ZZ46, VLV NCW-UV-99 IS USE AS AN ALTERNATE METHOD FOR BORON SAMPLE FLOW PATH. HOWEVER, IT'S REQUIRED DURING LOP BECAUSE NCWP IS; NON-1E WILL BE CORRECTED BY CO-023	YES
AUX BLDG/ 70'-0"	A-819	35B	NONE	UNLOCK AND OPEN, EW-HCV-146 IN THE "B" S.D. COOLING HX VALVE GALLERY. OPENESS, EW-HCV-66 IN THE "B" S.D. COOLING HX VALVE GALLERY	APPX K: STEP 3.6	PRE-FIRE STRATEGIES, VOL 1 13-A-ZA0-201, REV 19		NEED ADD'L EMERG LTG IN EAST (B TRAIN) VALVE GALLERY TO OPERATE EW-HCV-146 & EW-HCV-66	WILL BE CORRECTED BY CO-023	YES
				Valves SI-HV695,UV656,694, UV696, HV307 UV-658	APPX I STEP 1.1, 1.2, 1.4, 1.5, 1.6, 1.7			RELOCATE AND UPGRADE LTG	CONTROL IS FROM MCC; EVALUATE IN PROJECT	NO
AUX BLDG/88'-0"	A-A14	37C	NONE	OPEN SSN-V819 LOCATED IN THE WEST WRAP AROUND UPPER LEVEL	APPX K: STEP 3.6	PRE-FIRE STRATEGIES, VOL 13-A-ZA0-201, REV 19 13-E-ZPL-002, REV 5 UFSAR - FIG. 9B-20		ADD EMERG LTG ON SOUTHEND OF THE WEST WRAP AROUND UPR LEVEL TO OPERATE SSN-V819 AND CH-HV-524 ON EAST WALL OF WRAP AROUND	REQ'D TO OBTAIN BORON SAMPLING DURING LOP FOR REACTIVITY CONTROL. WILL BE CORRECTED BY CO-023	YES

BUILDING/ELEV	ROOM #	FIRE ZONE	EMERGENCY FIXTURES	EMERGENCY OPERABILITY REQUIREMENTS	PROCEDURE 42AD-2ZZ14 STEP	REFERENCES	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION	DESIGN BASIS REQUIREMENT
				CHECK OPEN/OPEN CH-HV-524 ACCESS/EGRESS	APPX B, STEP 8 & 7		FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS	NEED ADDITIONAL EMERG LIGHT	CORRECTED BY CO-023	YES
AUX BLDG/83'-0"	A-A09	37D	SAL-72A-03-83-12 SAL-72A-03-83-13	IN THE EAST M. P. ROOM CHECK CLOSE/ CLOSE SIB-UV-671 (STAY FROM 70' TO 83')	APPX B: STEP 12	PRE-FIRE STRATEGIES, VOL 13-A-ZAD-201, REV 19	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS	NEED ADD'L EMERG LTG IN EAST PIPE PENETRATION RM TO OPERATE SIB-UV-625 AND 671	SIB-UV-625 IS NOT REQ'D FOR SAFE SHUT-DOWN SIB-UV-671 WILL BE CORRECT FOR CO-023	YES
				SI-UV615, 625	APPX I STEP 1.20.2,3,5			UPGRADE EMERG LTG AND ADD LIGHT	EVALUATE BY MAJOR PROJECT	NO
AUX BLDG/100'-0"	A-122	46B	NONE	OPEN CH-V960 CLOSE CH-V960	APPX H: STEPS 1.3, 1.7, 1.8	PRE-FIRE STRATEGIES, VOL 13-A-ZAD-202, REV 17	NO LIGHTS EXIST	ADD ADDITIONAL EMERG LIGHTS	POST 8 HOUR REQ. EED IS DOING S-MOD	NO
AUX BLDG/100'-0"	A-123	46A	NONE	OPEN CHB-V332 CLOSE CHB-V332 CHARGE CHB-P01	APPX H: STEPS 1.4, 1.6, 1.7	PRE-FIRE STRATEGIES, VOL 13-A-ZAD-202, REV 17	NO LIGHTS EXIST	ADD ADDITIONAL EMERG LIGHTS	POST 8 HOUR REQ EED IS DOING S-MOD	NO
AUX BLDG/120'-0"	A-202	47A	E-OEN-003-A E-OEN-003-B E-OEN-003-C E-OEN-003-D	OPEN DISC. SW.09-07 IN AUX RELAY PNL-ZAA-C03 OPEN BREAKER M3303 ON MCC E-PHA-M33 CHECK SIA-UV-672 POSITION INDICATION OPEN BOOR M3511 CHECK VALVE CHA-HV-524 POSITION INDICATION AND THEN OPEN BOOR M3520 ON MCC E-PHA-M35 --PLACE REMOTE SSA HS-203-A-1 & HS-203-A-2, LOCATED IN E-SSA-304, 120' M EL. PEN. ROOM TO LOCAL E-ZAA-C06 ACCESS/EGRESS	APPX B: STEPS 2, 3, 4, 5 APPX K: STEPS 3.2, 3.4, 4.2	PRE-FIRE STRATEGIES, VOL 13-A-ZAD-202, REV 17	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS	AT ZAA-C03, CHANGE NORMAL LTG TO ESS/EM FEED FROM M003	WILL CORRECT BY CO-023	YES
								CHANGE NORMAL LTG TO EMERG UPGRADE EMERG LTG (ZAL-720-03-120-18)	CORRECT CO-023 CORRECT CO-023	
AUX BLDG/70'-0"	A-B20	35B	NONE	ILLUMINATE EM-TI-50 & TEMP IND NEAR SI-TE-303	APPX I: STEP 1.20.6 (NOTE)	PRE-FIRE STRATEGIES, VOL 13-A-ZAD-201, REV 19	NO LIGHTS EXIST	NEED TO ADD EMERG LGT BY J-EAH-TI-50 IN EAST SHUTDOWN HEAT EXCHANGER RM NEED TO ADD LIGHT FOR TEMP INDICATOR	LONG TERM REQMIT (PAST 8 HRS) NOT REQ'D FOR SAFE SHUTDOWN ENHANCEMENT PROCEDURE WILL BE CHANGED	NO

BUILDING/ELEV	ROOM #	FIRE ZONE	EMERGENCY FIXTURES	EMERGENCY OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ46 STEP	REFERENCES	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION	DESIGN BASIS REQUIREMENT
AUX BLDG/120'-0"	A216	520	E-08N-003E	E-ZAN-C01 E-ZAN-C02 E-NGN-L03 ACCESS/EGRESS	APPX B: STEP 6		FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS	NO EMERGENCY LIGHT AVAILABLE FOR ZAN-C01, C02 ALSO UPGRADE EMERG LTG FOR A/E (ZAL-72D-03-120-23)	WILL BE CORRECTED BY CO-023	YES
AUX BLDG/100'-0"	A101	420	NONE	ACCESS/EGRESS			ACCESS/EGRESS PER 13-E-ZPL-002	UPGRADE EMERG LTG TO 8 HOUR (ZAL-71C-03-100-06)	WILL BE CORRECTED BY CO-023	YES
AUX BLDG/70'-0"	A-B18	37B	SAL-72A-03-070-02	ACCESS/EGRESS	—		ACCESS/EGRESS PER 13-E-ZPL-002	NEED ADD'L LTG AT THE ENTRANCE TO THE EAST VALVE GALLERY TO ILLUMINATE ENTRANCE AND J-SIB-FT-307, ACROSS CORRIDOR	J-SIB-FT-307 NOT REQ'D FOR SAFE SHUTDOWN	YES
AUX BLDG/140'	STAY F	—	SAL-71C-07-150-04	ACCESS/EGRESS	NONE	13-E-ZPL-003				YES
AUX/120'	A236		NONE	ACCESS/EGRESS	-	13-E-ZAL-005		UPGRADE EMERG LTG (ZAL-72C-03-120-12)	CORRECT BY CO-023	YES
AUX/51'	A-C13	82B	NONE	VALVE SI-HV668	APPX I STEP 1.14			UPGRADE EMERG LTG TO 8 HOUR	WILL BE EVALUATED AS PART OF MAJOR PROJECT	NO
AUX/51	A-D16	32B	NONE	VALVE SI-HV692	APPX I STEP 1.15			ADD EMERG LTG	SAME AS ABOVE	NO
AUX/120			NONE	NONE	NONE			RELOCATE EMERG LTG FOR RX SUGR	EVALUATE AS MAJOR PROJECT	NO
								MISCELLANEOUS COMMENTS		
								1. THERE IS NO SAFE SHUTDOWN PATH TO RWT, RWST, OR CT	EVALUATE AS PART OF MAJOR PROJECT	
								2. THERE ARE AREAS ON DRWS THAT INDICATE SAFE SHUTDOWN PATH BUT ARE NOT IN PROCEDURE	SAME AS ABOVE	
								3. A SAFE SHUTDOWN PATH NEEDS TO BE ESTABLISHED ON THE 100' FROM A TO BE B TRAIN FOR EFFICIENCY	SAME AS ABOVE	
								4. LIGHTING DRWS NEED TO BE UPDATED TO SHOW AS-BUILT CONFIGURATION AND THE SAFE	SAME AS ABOVE	

BUILDING/ELEV	ROOM #	FIRE ZONE	EMERGENCY FIXTURES	EMERGENCY OPERABILITY REQUIREMENTS	PROCEDURE 42A0-2ZZ44 STEP	REFERENCES	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION	DESIGN BASIS REQUIREMENT
								SHUTDOWN PATH		
								* S. IDENTIFICATION OF SAFE SHUTDOWN EQUIPMENT ON DRAWINGS MUST BE INCORPORATED IN ORDER THAT ANY DESIGN CHANGES TO EQUIPMENT WILL CONSIDER SIGHTING REQUIREMENTS	SAME AS ABOVE	

BUILDING/ELEV	ROOM	FIRE ZONE	EMERGENCY FIXTURES	EMERGENCY OPERABILITY REQUIREMENTS	PROCEDURE 42A0-2ZZ44 STEP	REFERENCES	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION	DESIGN BASIS REQUIREMENTS
CONTROL/100'-140'	3119 STWY - C	N/A	SRL-080-10-100-20 SRL-080-10-100-02 SRL-080-10-110-03 SRL-080-10-130-04	EGRESS/ACCESS	SEC. 1.2.1	93GT-02247 13E2PL001 13E2RL003				YES
CONTROL/74'	3A05	2	SRL-079-02-074-02 SRL-079-02-074-07 SRL-079-02-074-08 SRL-079-02-074-09	ESSENTIAL CHILLER AHU H-HJB-203,P-ECB-V175 EC-VS45,EC-V061 SURGE TANK LEVEL	APPENDIX J	93GT-02247 13E2PL001 13E2RL003	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS	ADD ADDITIONAL EMERGENCY LIGHT FOR B SURGE TANK LEVEL INDICATOR	WILL CORRECT BY CO-023	YES
CONTROL/100'	3103	5A	EQ2N0028 EQ2N002C EQ2N0020 SRL-080-02-100-03 SRL-080-02-100-10	EPGAL31 EPGAL35 EPGAL33 EPEAS03D, E, S-REMOVE CONTROL FUSE BLOCK "UC" ACCESS/EGRESS	SEC 2.6.2.1 SEC 2.6.2.1 (13-MS-109, RC-1 OF 2, PG 20) APPENDIX B, STEPS 13, 14, 14A	13E2PL001 13E2RL002 93GT-02247	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS (EQ2N LIGHTS UPS BACKED)	UPGRADE EMERG LTG TO 8 HOUR	WILL CORRECT BY CO-023	YES
CONTROL/100'	3116	5B	SRL-079-02-100-03 SRL-079-02-100-04 EQ2N001A EQ2N001B EQ2N001C	EPE85D4, E -REMOVE CONTROL FUSE BLOCK "UC" EPE85D4 EPG8L32 EPG8L34 EPG8L36 EPHM32 EZJ8C01 -OPEN DISCONNECT SWITCHS 05-01-01 & 06 HOSE STATION 108-CONNECT TO DG "B" JACKET WATER SURGE TANK EDG8C01	APPX. B, STEPS 14B & 15 SEC 2.6.1.1, 2.6.1.2, 4.13.1, 4.13.2, 4.13.3, 4.18, APPX A & D & E, APPX I(1.8) & APPX K(1.2.1), APPX L(4.1.3) APPX D & E, SEC 2.6.2.2, APPX A APPX A SEC 2.6.2.1, APPX A APPX A & D APPX E, PAGE 1 OF 2 APPX F (SEC 2.2.1.2) APPX A & F(SEC 2.1)	13E2PL001 13E2RL002 93GT-02247	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS (EQ2N LIGHTS UPS BACKED)	NEED TO CHANGE NORMAL LIGHT TO ESS/EM IN FRONT OF H32 AND ZJB-C01	WILL BE CORRECTED BY CO-023	YES

BUILDING/ELEV	ROOM #	FIRE ZONE	EMERGENCY FIXTURES	EMERGENCY OPERABILITY REQUIREMENTS	PROCEDURE 42A0-2ZZ44 STEP	REFERENCES	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION	DESIGN BASIS REQUIREMENTS
CONTROL/100'	J108	6A	EGENO02A	EPKCN43	(13-MS-109, SI-1 OF 2, PG 23)	13EZPL001 93GT-0ZZ47	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS (EGEN LIGHTS UPS BACKED)	1.ESTABLISH SAFE SHUTDOWN PATH 'A' SIDE, C EQUIP ROOM TO D EQUIP ROOM	THE PATH IS THROUGH RSP AREA, HOWEVER WILL REVIEW AS MAJOR PROJECT	YES
CONTROL/100'	J109	6B	EGENO01D	EPKDN4401 EPKDE44 EPKDH14	APPX A: PAGE 5 APPX I: 1-17 APPX A; PG 4	13EZPL001 93GT-0ZZ47	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS (EGEN LIGHTS UPS BACKED)	1.ESTABLISH SAFE SHUTDOWN PATH 2.UPGRADE LIGHTS FOR CHARGER OPERATION	SEE ABOVE RESOLUTION THE BATTERY CHARGER WILL BE CORRECTED BY 00-023	YES
CONTROL/100'	J105	7A	EGENO02F	EPKAN4101 EPKA021	APPX K (3.1) SEC 2.3	13EZPL001 13EZRL002 93GT-0ZZ47	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS (EGEN LIGHTS UPS BACKED)	NEED TO MOVE EMERG LGT IN FRONT OF DC CONTROL CENTER	WILL CORRECT BY 00-023	YES
CONTROL/100'	J112	7B	EGENO01F	EPKBN4201	APPX A: PAGE 4	13EZPL001 13EZRL002 93GT-0ZZ47	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS (EGEN LIGHTS UPS BACKED)	NEED TO MOVE EMERG LGT IN FRONT OF DC CONTROL CENTER	WILL CORRECT BY 00-023	YES
CONTROL/100'	J113A	1CA	EGENO02E SJL-081-05-100-01	J2JAE01	SEC 1.2.1, 2.6.3.1.3, 2.6.3.1.5, 2.6.3.2.2, 3.5.3, 4.1.6, 4.19	13EZPL001 13EZRL002 93GT-0ZZ47	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS (EGEN LIGHTS UPS BACKED)			YES
CONTROL/100'	J113B	1CB	EGENO01E SJL-081-18-100-01	J2JBE01 J2JBE02	SEC 1.2.1, 2.6.1.4, 2.6.2, 2.6.3, 2.6.3.1.2, 2.6.3.1.4, 2.6.3.2.1, 2.6.3.2.3, 2.6.4.1, 3.5.3, 4.1.6, 4.2, 4.4.2, 4.9, 4.11, 4.12, 4.14, 4.19 APPX A & X(3.3) APPX L SEC 1.2.1, 2.2, 2.6.3.1.1, 3.5.3, 4.1.6, 4.19, APPX A & L	13EZPL001 13EZRL002 93GT-0ZZ47	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS (EGEN LIGHTS UPS BACKED)			YES
CORRIDOR/100'	J122		SJL-079-04-100-06	ACCESS/EGRESS	SEC. 1.2.1	13EZPL001	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS			YES
CORRIDOR/100'	J123		SJL-079-04-100-07 SJL-079-04-100-09	ACCESS/EGRESS	SEC. 1.2.1	13EZPL001	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS	NEED ADDITIONAL EMERG LIGHT ON WAY OUT TO BASEZWAY	WILL CORRECT BY 00-023	YES

BUILDING/ELEV	ROOM #	FIRE ZONE	EMERGENCY FIXTURES	EMERGENCY OPERABILITY REQUIREMENTS	PROCEDURE 6240-2ZZ66 STEP	REFERENCES	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION	DESIGN BASIS REQUIREMENTS
CONTROL/140'	3302	17	SR-081-18-140-01 SR-081-18-140-02	ACCESS/EGRESS	SEC 1.2.1	13EZPL001 13EZRL004 93GT-0ZZ47	ACCESS/EGRESS PER 13-E-ZPL-001			YES
CONTROL/140'	3305	17	SR-081-18-140-06	ACCESS/EGRESS	SEC 1.2.1	13EZPL001 13EZRL004 93GT-0ZZ47	ACCESS/EGRESS PER 13-E-ZPL-001			YES
CONTROL/140'	3312	17	SR-084-18-140-03	ACCESS/EGRESS	SEC 1.2.1	13EZPL001 13EZRL004 93GT-0ZZ47	ACCESS/EGRESS PER 13-E-ZPL-001			YES
CONTROL/140'	3317	17	SR-081-18-140-06 (UNIT 3) SR-084-18-140-11 (UNITS 1 & 2)	ACCESS/EGRESS	SEC 1.2.1	13EZPL001 13EZRL004 93GT-0ZZ47	ACCESS/EGRESS PER 13-E-ZPL-001			YES
CONTROL/ 140'	3303	17	SR-084-18-140-08	ACCESS/EGRESS	SEC 1.2.1	13EZPL001 13EZRL004 93GT-0ZZ47	ACCESS/EGRESS PER 13-E-ZPL-001			YES
CORRIDOR/140'	3321 (UNIT 1 3320 UNITS 2 & 3)	--	SR-080-07-140-11 SR-080-07-140-12	ACCESS/EGRESS	SEC 1.2.1	13EZPL001 93GT-0ZZ47	ACCESS/EGRESS PER 13-E-ZPL-001			YES
CORRIDOR/140'	3321 LOCATI	--	SR-080-07-140-07 SR-080-07-140-08	ACCESS/EGRESS	SEC 1.2.1	13EZPL001 93GT-0ZZ47	ACCESS/EGRESS PER 13-E-ZPL-001			YES
CORRIDOR 140'-100'	3121 STAY A	--	SR-079-10-130-02 SR-079-10-110-01	ACCESS/EGRESS	SEC 1.2.1	13EZPL001 93GT-0ZZ47	ACCESS/EGRESS PER 13-E-ZPL-001			YES

BUILDING/ELEV	ROOM	FIRE ZONE	EMERGENCY FIXTURES	EMERGENCY OPERABILITY REQUIREMENTS	PROCEDURE 42A0-2ZZ44 STEP	REFERENCES	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION	DESIGN BASIS REQUIREMENTS
CORRIDOR 100'-74'	JA08 STWY B	--	SJL-079-04-80-08	ACCESS/EGRESS	APPX 3	13E2PL001 93GT-0ZZ47	ACCESS/EGRESS PER 13-E-ZPL-001	NEED ADDITIONAL EMERG LTG ON STWY	WILL BE CORRECTED BY CO-023	YES

BUILDING/ELEV	ROOM #	FIRE ZONE	EMERGENCY FIXTURES	EMERGENCY OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ46 STEP	REFERENCES	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION	DESIGN BASIS REQUIREMENTS
RSSS/81	C-A09	72	SCL-72A-16-081-11 SCL-72A-16-081-01	MANUAL TRIP LEVER ON AFW PUMP TURBINE M-AFA-K01	APPENDIX B, STEP 1 (ALSO PRE-FIRE STRATEGIES)	13-E-ZPL-003 13-A-ZCD-101	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS	ADD'L EMERGENCY LIGHTS NEEDED FOR PUMP LEVER	POTENTIAL ENHANCEMENT FOR MAJOR PROJECT	NO
				TURBINE AFWP REG VALVES, TRAIN A: STEAM GEN-1 J-AFA-HV-32 STEAM GEN-2 J-AFC-HV-33 J-AFA-E01, J-AFA-HV-54 J-AFC-UV-36, J-AFA-UV-37	(PRE-FIRE STRATEGIES)		EVALUATE UNITS IN HIGH TEMPERATURE AND HUMIDITY FOR OPERABILITY APPLICABLE TO WHOLE RSSS			
RSSS/81	C-A10	73	SCL-72A-16-081-12 SCL-72A-16-081-02	ISOLATION VALVES: P-AFB-V028 P-AFB-V021	 3.5.2.1 3.5.2.2	13-E-ZPL-003 13-A-ZCD-101	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS	ADD'L EMERGENCY LIGHTS NEEDED FOR OPERATION OF AFB-V021	POTENTIAL ENHANCEMENT FOR MAJOR PROJECT	NO
				MOTOR AFWP REG VALVES: TRAIN B: STEAM GEN-1 J-AFB-HV-30 STEAM GEN-2 J-AFB-HV-31 J-AFB-UV-34, J-AFB-UV-35	(PRE-FIRE STRATEGIES)					
RSSS/120	C-205	74A	SCL-72A-16-120-06 SCL-72A-16-120-16	TURBINE AFWP STEAM SUPPLY VALVE, TRAIN A: J-SGA-UV-134	(PRE-FIRE STRATEGIES)	13-E-ZPL-003 13-A-ZCD-101	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENT			NO
RSSS/120	C-206	74B	SCL-72A-16-120-05 SCL-72A-16-120-13	TURBINE AFWP STEAM SUPPLY VALVE, TRAIN A: J-SGA-UV-133	(PRE-FIRE STRATEGIES)	13-E-ZPL-003 13-A-ZCD-101	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENT			NO
RSSS/140	C-302	74A	SCL-72A-16-140-15 SCL-72A-16-140-16 SCL-72A-16-140-17	ATM DUMP VALVES: STM GEN 1 J-SGA-HV-184 LINE 1 - TRAIN A STM GEN 1 J-SGB-HV-178 LINE 2 - TRAIN B	2.6.6.1.5, 6.7, 6.2.1	13-E-ZPL-003 13-A-ZCD-101		NEED ADDITIONAL EMERG LIGHTS	NOT REQUIRED FOR SAFE SHUTDOWN HOWEVER ENHANCING BY CO-022	NO
				INSTRUMENT AIR MANUAL VALVES P-SGN-V-963 & 964			REQUIRED TO BE CLOSED PRIOR TO MANUAL OPENING OF ADV'S			
RSSS/140	C-303	74B	SCL-72A-16-140-18 SCL-72A-16-140-19 SCL-72A-16-140-20	ATM DUMP VALVES: STM GEN 2 J-SGB-HV-185 LINE 1 - TRAIN B STM GEN 2 J-SGA-HV-179 LINE 2 - TRAIN A	2.6.6.1.5, 6.7, 6.2.1	13-E-ZPL-003 13-A-ZCD-101		SAME AS ABOVE	SAME AS ABOVE	NO

BUILDING/ELEV	ROOM	FIRE ZONE	EMERGENCY FIXTURES	EMERGENCY OPERABILITY REQUIREMENTS	PROCEDURE 42A0-2ZZ44 STEP	REFERENCES	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION	DESIGN BASIS REQUIREMENTS
				INSTRUMENT AIR MANUAL VALVES P-SGN-V-965 & 966			REQUIRED TO BE CLOSED PRIOR TO MANUAL OPENING OF ADV'S			
MSSS/81 - MSSS/140 (STAIR "K")	—	—	STL-74C-09-100-05 STL-74C-09-090-06 STL-74C-09-110-07 STL-74C-09-130-08 STL-74C-09-140-09	ACCESS/EGRESS	APPENDIX B, STEP 1 3.5.2.1 3.5.2.2 2.6.4.1.5 4.2.1, 4.7	13-E-ZPL-003	ACCESS/ EGRESS TO MSSS AND TURBINE BLDGS PER 13-E-ZPL-003			NO

BUILDING/ELEV	ROOM #	FIRE ZONE	EMERGENCY FIXTURES	EMERGENCY OPERABILITY REQUIREMENTS	PROCEDURE 42A0-2ZZ44 STEP	REFERENCES	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION	DESIGN BASIS REQUIREMENTS
CTPH/100'	Y-116	83	E-SYU-03E-20-100-5 E-SYU-03E-20-100-6	CONDENSATE STORAGE TANK LEVEL: 3-CTN-LI-22	3.5.2	13-E-ZPL-003	CTPH (CONDENSATE TRANSFER PUMP HOUSE) FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS	NO ESSENTIAL LIGHTS EXIST		NO

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-25Z27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTIONS
				APPX F, STEP 9 REFERENCES 410P-10001 (DG A) AND 410P-1D002 (DG B)						
SG/100'	G-101	—	E-CRN-060-03(1)	ACCESS/EGRESS	—	13-E-ZGL-001	E-CAN-0-048-11	ACCESS/EGRESS UPON AC POWER (DIESEL) RESTORATION		
SG/100'	G-102	Z21A	E-CRN-060-01(1)	PLANT WEST SIDE OF GENERATOR	NONE	13-E-ZGL-001	E-CAN-0-098-07 E-CAN-0-098-09		NEED ADDITIONAL ESSENTIAL LIGHT ON THE OPPOSITE SIDE OF THE EXISTING ONE(IN CASE ONE BURNS OUT)	ENHANCEMENT TO ADD REDUNDANT FIXTURE
SG/100'	G-103	Z22A	E-CRN-060-01(1)	ILLUMINATE ENGINE CONTROL CABINET J-DGA-B01	SEC 7, 41OP-1D001	13-E-ZGL-001	E-CAN-0-098-11			
SG/100'	G-104	Z21B	E-CRN-079-03(1)	NONE	NONE	13-E-ZGL-001	E-CAN-0-088-07 E-CAN-0-088-09	OFFLN TABLE 9.5 - 5 OPERABILITY REQ	NEED ADDITIONAL ESSENTIAL LIGHT ON THE OPPOSITE SIDE OF THE EXISTING ONE(IN CASE ONE BURNS OUT)	ENHANCEMENT TO ADD REDUNDANT FIXTURE
SG/100'	G-105	Z22B	E-CRN-079-01(1)	ILLUMINATE ENGINE CONTROL CABINET J-DGB-B01	SEC 7, 41OP-1D0-02	13-E-ZGL-001	E-CAN-0-088-11	OFFLN TABLE 9.5 - 5 OPERABILITY REQ		
SG/115'	G-107	Z24A	NONE	TRAIN A COMBUSTION AIR INTAKE FILTER P04	NONE	13-E-ZGL-001	E-CAN-0-090-07 E-CAN-0-090-09		CHANGE ONE OF THE EXISTING LIGHTS FROM NORMAL TO ESSENTIAL (NO ESSEN. IN RM)	ENHANCEMENT TO ADD REDUNDANT FIXTURE
SG/115'	G-108	Z24B	NONE	TRAIN B COMBUSTION AIR INTAKE FILTER P04	NONE	13-E-ZGL-001	E-CAN-0-080-07 E-CAN-0-080-09		CHANGE ONE OF THE EXISTING LIGHTS FROM NORMAL TO ESSENTIAL (NO ESSEN. IN RM)	ENHANCEMENT TO ADD REDUNDANT FIXTURE
SG/131'	G-202	Z23A	NONE	EXHAUST SILENCER ROOM TRAIN A	NONE	13-E-ZGL-001	E-CAN-0-090-09 E-CAN-0-090-11		CHANGE ONE OF THE EXISTING NORMAL LIGHTS TO ESSENTIAL	ENHANCEMENT TO ADD REDUNDANT FIXTURE

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ27 STEP	REFERENCES	MORAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION
MSSS/120/132	C205	74A	72A-08(2)	AFWP TURB STEAM SUPPLY VALVE J-SGA-UV-134	5.3.4.3	13-E-ECL-008	3G-25 3G-27			
MSSS/120/132	C-206	74B	72A-08(2)	AFWP TURB STEAM SUPPLY VALVE J-SGA-UV-136	5.3.4.3	13-E-ECL-008	3G-25 3G-27			
MSSS/140	C-302	74A	72A-10(2)	ATM DUMP VALVES STM GEN 1 J-SGA-HV-186 LINE 1-TRAIN A STM GEN 2 J-SGB-HV-185 LINE 1-TRAIN B INSTRUMENT AIR MANUAL VALVES P-SGH-V963 &V964	3.3,5.3.8,6.2.1, 6.3.9,6.3.26 APPENDIX F,G APPENDIX L SECT 1.2.3.7	13-E-ECL-008	3G-21			
MSSS/140	C-303	74B	72A-10(2)	ATM DUMP VALVES STM GEN 1 J-SGB-HV-178 LINE 2-TRAIN B STM GEN 2 J-SGA-HV-179 LINE 2-TRAIN A INSTRUMENT AIR MANUAL VALVES P-SGH-V965 & V966	3.3,5.3.8,6.2.1, 6.3.9,6.3.26 APPENDIX F,G APPENDIX L SECT 1.2.3.7	13-E-ECL-008	3G-19			
MSSS/01-212 STAIR E	-	-	D74C-11(5) D74C-13(7)	ACCESS	3.3,3.4,5.3.3 5.3.4,5.3.8,6.2.1 6.3.9,6.326 APPX F,G,L SECT 1.2.3.7	13-E-ETL-004	D02E-23,D02E-15 D02E-13,D02E-17			
MSSS/01	C-A09	72	72A-08(2)	MAFA-E01, JAFA-E01 J-AFA-HV-34, J-AFC-HV-33 J-AFC-UV-36, J-AFA-UV-37 J-AFA-HV-32	3.4.2, ,5.3.4 APPENDIX F SECT 1.2	13-ECL-007	3G-13,3G-17,3G-15			
MSSS/01	C-A10	73	72A-08(2)	J-AFB-HV-30, J-AFB-HV-31 J-AFB-UV-34, J-AFB-UV-35	3.4.1, 5.3.3 APPENDIX F SECT 1.1	13-E-ECL-007	3G-13, 3G-15, 3G-17			
MSSS/100	C-105	74A	72A-08(1)	EGRESS	NONE	13-E-ECL-007	3G-13, 3G-15, 3G-17			
MSSS/100	C-107	74B	72A-08(1)	EGRESS	NONE	13-E-ECL-007	3G-13, 3G-15, 3G-17			

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2IE27 STEP	REFERENCES	NONESSENTIAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION
ET/100'	T104	TB-4	D74C-04(2)	BACKOUT RCP BRKR'S MAN-S01L, S01M, MAN-S02L, S02M	5.3.27 & 6.3.25	13-E-ETL-001	D02A-02(2) D02A-04(2)	REQ'D BY SPURIOUS ACTUATION		
ET/100'	T104	TB-4	D74C-04(2)	TRIP RTR DRN FP BRKRS MAN-S01F, MAN-S02E	APPX F: 6.1	13-E-ETL-001	D02A-02(1) D02A-04(2)			
ET/140'	T201	TB-5	NONE	OPEN CONT PWR DISC SW DS-20-02, DS-20-03, DS-22-02, DS-22-03 AT AUX CAB ETM-C02	APPX F: 1.3.3 (PG 60)	13-ETL-002	D04C-01(1)	CHANGE NONESL TO ESSENTIAL.		
ET-140'	T201	TB-5	D74A-02(1)	VERIFY VALVE POSITIONS AT MCC MEM-M05 OR AT:	APPX F: 5.1, 5.2, 6.2	13-E-ETL-002	D04D-02(1) D04D-04(1)			
ET/101'	T301	TB-10	NONE	VALVE MTM-HV-327B	APPX F: 6.2.1.2	13-P-AST-404	D04A-04(1)	CHANGE NONESL TO ESSENTIAL		
ET/177'	T301	TB-10	NONE	VALVE MTM-UV-330A	APPX F: 6.2.2.1	13-P-ETL-403 HOLD	D04A-03(1)	CHANGE NONESL TO ESSENTIAL		
ET/177'	T301	TB-10	NONE	VALVE MTM-UV-328A	APPX F: 6.2.3.1	13-P-SGF-402	|/ V	CHANGE NONESL TO ESSENTIAL		
ET/144'	T201	TB-5	NONE	VALVE MTM-HV-253	APPX F: 6.3.1.1	13-E-ETC-017,13-P-MTF-408	D04D-02(1) D04D-04(1)	CHANGE NONESL TO ESSENTIAL		
ET/143'	T201	TB-5	D74A-02(1)	VALVE MTM-HV-255	APPX F: 6.3.1.3	13-E-ETC-017,13-P-MTF-408	| |/			
ET/144'	T201	TB-5	NONE	VALVE MTM-HV-256	APPX F: 6.3.1.4	13-E-ETC-017,13-P-MTF-408	V	CHANGE NONESL TO ESSENTIAL		
ET/177'	T301	TB-10	NONE	VALVE MTM-HV-251	APPX F: 6.3.3.1	13-P-ETL-403 HOLD	D04A-03(1)	CHANGE NONESL TO ESSENTIAL		
ET-177'	T301	TB-10	NONE	VALVE MTM-HV-315	APPX F: 6.3.3.3	13-P-ETL-403 HOLD	|/ V	CHANGE NONESL TO ESSENTIAL		
ET/143'	T201	TB-5	D74-02(1)	VALVE MTM-HV-368A	APPX F: 6.3.4.1	13-E-ETC-017,13-P-MTF-408	D04D-02(1) D04D-04(1)			
ET/144'	T201	TB-5	D74-02(1)	VALVE MTM-UV-369A	APPX F: 6.3.5.1	13-E-ETC-017,13-P-MTF-408	|/ V			
ET/142'	T201	TB-5	NONE	VALVE EDM-FV-29	APPX F: 6.3.6.2	13-P-EDF-421	D04C-02(1)	CHANGE NONESL TO		

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AD-2ZZ27 STEP	REFERENCES	NONESL CIRCUITS	COMMENTS	HALIDOMS COMMENTS	COMMENT RESOLUTION
				OR AT:						
ST/181'	T104	TB-10	NONE	VALVE MTR-HV-327D	APPX F: 6.2.1.4	13-P-ASP-404		CHANGE NONESL TO ESSENTIAL		
ST/177'	T301	TB-6	NONE	VALVE MTR-GV-330B	APPX F: 6.2.2.2	13-P-STL-403 HOLD	D04A-05(1) |/ V	CHANGE NONESL TO ESSENTIAL		
ST/177'	T301	TB-10	NONE	VALVE MTR-GV-328B	APPX F: 6.2.3.2	13-P-SCP-402		CHANGE NONESL TO ESSENTIAL		
ST/177'	T301	TB-10	D74A-03(1)	VALVE MTR-HV-260	APPX F: 6.3.1.8	13-E-STL-002	NONE			
ST/177'	T301	TB-10	NONE	VALVE MTR-HV-252	APPX F: 6.3.3.2	13-P-STL-403 HOLD	D04A-05(1) |/ V	CHANGE NONESL TO ESSENTIAL		
ST/177'	T301	TB-10	NONE	VALVE MTR-HV-316	APPX F: 6.3.3.4	13-P-STL-403		CHANGE NONESL TO ESSENTIAL		
ST/140'	T201	TB-5	D74B-02(1)	VERIFY VALVE POSITIONS AT MCC MXH-MC3 OR AT:	APPX F: 6.2	13-E-STL-002	D74D-02(1)			
ST/178'	T301	TB-10	NONE	VALVE MTR-HV-327A	APPX F: 6.2.1.1	13-P-ASP-404	D04A-04(1)	CHANGE NONESL TO ESSENTIAL		
ST/178'	T301	TB-10	NONE	VALVE MTR-HV-327E	APPX F: 6.2.1.5	13-P-ASP-404	D04B-14(1) |/ V	CHANGE NONESL TO ESSENTIAL		
ST/178'	T301	TB-10	D74A-02(1)	VALVE MTR-HV-327F	APPX F: 6.2.1.6	13-P-ASP-404				
ST/178'	T301	TB-10	NONE	VALVE MTR-GV-330C	APPX F: 6.2.2.3	13-P-STL-403 HOLD	D04B-14(1) |/ V	CHANGE NONESL TO ESSENTIAL		
ST/177'	T301	TB-10	NONE	VALVE MTR-GV-328C	APPX F: 6.2.3.3	13-P-SCP-402		CHANGE NONESL TO ESSENTIAL		
ST/145'	T201	TB-5	D74A-02(1)	VALVE MTR-HV-254	APPX F: 6.3.1.2	13-E-STC-017,13-P-MTF-400	D04D-02(1) D04D-04(1)			
ST/153'	T201	TB-6	NONE	VALVE MTR-GV-321	APPX F: 6.3.2.1	13-E-STC-019,13-P-MTF-405	NONE	CHANGE NONESL TO ESSENTIAL | | | |/ V		
ST/154'	T201	TB-6	NONE	VALVE MTR-GV-380	APPX F: 6.3.2.3	13-E-STC-019,13-P-MTF-405	NONE			
ST/177'	T301	TB-10	NONE	VALVE MTR-HV-374	APPX F: 6.3.3.5	13-P-STL-403 HOLD	D04B-14(1) |/ V			
ST/177'	T301	TB-10	NONE	VALVE MTR-HV-375	APPX F: 6.3.3.6	13-P-STL-403 HOLD				

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-22Z27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION
ZT/154'	T201	TB-6	NONE	VALVE MTH-HV-388C	APPX F: 6.3.6.3	13-S-ZTC-019,13-S-MTP-405	NONE	CHANGE NORMAL TO ESSENTIAL		
ZT/157'	T201	TB-6	NONE	VALVE MTH-GV-389C	APPX F: 6.3.5.3	13-S-ZTC-019,13-S-MTP-405	NONE	|/ V		
ZT/142'	T201	TB-5	NONE	VALVE EDH-PV-33	APPX F: 6.3.6.4	13-S-EDP-421	D04C-02(1)			
ZT/140'	T201	TB-6	D74B-02(1)	VERIFY VALVE POSITIONS AT MCC MXH-M26 OR AT:	APPX F: 6.2	13-S-ZTL-002	D04B-12(1)			
ZT/157'	T201	TB-6	D04B-02(1)	VALVE MTH-GV-322	APPX F: 6.3.2.2	13-S-ZTC-020-13-S-MTP-407	D04C-02(1)			
ZT/157'	T201	TB-6	D04B-02(1)	VALVE MTH-GV-381	APPX F: 6.3.2.4	13-S-ZTC-020-13-S-MTP-407	|/ V			
ZT/177'	T301	TB-10	D74A-03(1)	VALVE MTH-HV-377	APPX F: 6.3.3.8	13-S-ZTL-403 HOLD	D04B-12(1)			
ZT/142'	T201	TB-5	NONE	VALVE EDH-PV-36	APPX F: 6.3.6.1	13-S-EDP-421	D04C-02(1)	CHANGE NORMAL TO ESSENTIAL		
ZT/141'	T201	TB-5	NONE	VALVE EDH-PV-34	APPX F: 6.3.6.5	13-S-EDP-421	|/ V	CHANGE NORMAL TO ESSENTIAL		
ZT/177'	T301	TB-10	D04B-02(1)	VALVE MTH-HV-258	APPX F: 6.3.1.6	13-S-MTP-408	D04C-02(1)			
ZT/160'	T201	TB-1	D74A-06(1)	OPERATE MTWT A DRAIN VALVE PWR SUPPLY BRKR AT MCC MXH-M02	APPX O	13-S-ZTL-001	D02A-09(1)			
ZT/160'	T201	TB-1	D74A-06(1)	OPERATE MTWT B DRAIN VALVE PWR SUPPLY BRKR AT MCC MXH-M21	APPX O	13-S-ZTL-001	D02A-16(1)			
ZT/117'	T101	TB-3	NONE	OPERATE MTWT A DRAIN VALVE AT THE VALVE FTH-HV-3	APPX F: .1.3.5	13-S-FTP-402	D02A-11(1)	CHANGE NORMAL TO ESSENTIAL		
ZT/118'	T101	TB-3	NONE	FTH-HV-5	APPX F: .1.3.5	13-S-FTP-402	|/ V	CHANGE NORMAL TO ESSENTIAL		

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-25Z27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	KILLDOWN COMMENTS	COMMENT RESOLUTION
57/116'	T101	TB-3	D74A-06(1)	FTH-HV-7	APPX F: .1.3.5	13-P-FTP-402	D02A-7(1)			
57/114'	T101	TB-3	NONE	FTH-HV-11	APPX F: .1.3.5	13-P-FTP-402	D02A-11(1)	CHANGE NORMAL TO ESSENTIAL		
57/116'	T101	TB-3	D74A-06(1)	FTH-HV-13	APPX F: .1.3.5	13-P-FTP-402	D02A-07(1)			
				OPERATE FWST B DRAIN VALVE AT THE VALVE;						
57/116'	T101	TB-3	NONE	FTH-HV-4	APPX F: 1.3.5	13-P-FTP-003 13-E-ITC-004	D02A-16(1)	CHANGE NORMAL TO ESSENTIAL		
57/120'	T101	TB-3	NONE	FTH-HV-6	APPX F: 1.3.5	13-P-FTP-003 13-E-ITC-004				
57/116'	T101	TB-3	NONE	FTH-HV-8	APPX F: 1.3.5	13-P-FTP-003 13-E-ITC-004				
57/114'	T101	TB-3	NONE	FTH-HV-12	APPX F: 1.3.5	13-P-FTP-003 13-E-ITC-004				
57/116'	T101	TB-3	NONE	FTH-HV-14	APPX F: 1.3.5	13-P-FTP-003 13-E-ITC-004	|/ V			
57/163'	T201	TB-5	NONE	OPERATE VALVE GSH-HV-5 AT THE VALVE	APPX F: 7.2	13-P-STL-402 13-E-ITC-015	D04C-10(1)			
57/163'	T201	TB-5	NONE	OPERATE VALVE GSH-HV-14 AT THE VALVE	APPX F: 7.1	13-P-STL-402 13-E-ITC-015	|/ V			
				OPERATE MSHV CASING DRAIN VALVES;						
57/112'	T101	TB-2	NONE	FT-V012	APPX F: 1.3.6	13-P-STL-402	NONE	|/ V		

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION
ST/109'	T101	TB-3	NONE	FT-V016 *	APPX F: 1.3.6	13-P-ZTL-402	D02A-09 (1)	CHANGE NORMAL TO ESSENTIAL		
ST/103'			NONE	OPERATE STM GEN VALVES AT THE VALVE SGN-HV-1142	3.4.3.4	13-E-ZTC-001	D02A-07 (1) D02A-11 (1) | |/ V	|		
ST/103'	T101	TB-1	NONE	SGN-HV-1143	3.4.3.4	13-E-ZTC-001		|		
ST/130'	T101	TB-1	NONE	SGN-HV-1144	3.4.3.4	13-E-ZTC-002	D02A-14 (1) D02A-16 (1) D02A-18 (1) | |/ V	|		
ST/130'	T101	TB-1	NONE	SGN-HV-1145	3.4.3.4	13-E-ZTC-002		|		
ST/110'	T101	TB-1	NONE	OPERATE MTWPT'S AT LOCAL CONT PNL E-FTN-JERA	6.3.4	13-E-ZTC-003	D02A-07 (1) D02E-23 (1)	|		
ST/110'	T-101	TB-1	NONE	E-FTN-JERB	6.3.4	13-E-ZTC-004	D02A-16 (1) D02E-16 (1)	|		
BETWEEN ST/140' & 176'	T201	TB-5	NONE	VERIFY TURB STOP VALVES POSITION AT THE VALVE	APPX A: 3.1	13-E-ZTL-006	D04C-05 (6) D04C-07 (6) |	|		
BETWEEN ST/140' & 176'	T201	TB-5	NONE	VERIFY TURB CONT VALVES POSITION AT THE VALVE	APPX A: 3.2	13-E-ZTL-006	|	|		
BETWEEN ST/140' & 176'	T201	TB-5	NONE	VERIFY TURB CONT INTERDIATE STOP VALVE POSITIONS AT THE VALVES	APPX A: 3.3	13-E-ZTL-006	|/ V	|/ V		

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-25Z27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION
ZZ/176	T301	TB-10	NONE	VALVE CIV-1	APPX A: 3.3	13-E-ZTL-003	D04B-08(1)	CHANGE NORMAL TO ESSENTIAL		
ZZ/176'	T301	TB-10	NONE	VALVE CIV-2	APPX A: 3.3	13-E-ZTL-003	D04B-18(1) D04B-14(1)			
ZZ/176'	T301	TB-10	NONE	VALVE CIV-3	APPX A: 3.3	13-E-ZTL-003	D04B-14(1) D04A-02(1)			
ZZ/176'	T301	TB-10	NONE	VALVE CIV-4	APPX A: 3.3	13-E-ZTL-003	D04A-02(1) D04B014(1)			
ZZ/176'	T301	TB-10	NONE	VALVE CIV-5	APPX A: 3.3	13-E-ZTL-003	D04B-14(1) D04B-18(1)			
ZZ/176'	T301	TB-10	NONE	VALVE CIV-6	APPX A: 3.3	13-E-ZTL-003	D04B-18(1) D04B-08(1)			
ZZ/176'	T301	TB-10	NONE	VERIFY GEN FLD SHORTING BAKR POSITION	APPX A: 3.4	13-E-ZTL-003	D04B-06(2) D04B-02(1) D04B-04(1)	\1/ V		
ZZ/140'	T202	TB-7	B74C-01(2)	VERIFY STATUS MOTOR SUCTION PUMP	APPX A: 3.5	13-E-ZTL-002,13-P-ZTL-402	D02E-04(5) D02E-06(5)			
ZZ/140'	T202	TB-7	B74C-01(2)	VERIFY STATUS TURNING GEAR OIL PUMP	APPX A: 3.6	13-E-ZTL-002,13-P-ZTL-402				
ZZ/140'	T202	TB-7	B74C-01(2)	ADJUST MAIN L.O TEMP	APPX A: 4.0	13-E-ZTL-002,13-P-ZTL-402	\1/ V			
ZZ/176'	T301	TB-8	NONE	VERIFY STATUS LIFT PUMPS	APPX A: 3.7	13-E-ZTL-003,13-P-ZTL-402	D04A-04(1) , D04A-06(1) D04B-18(1) , D04B-16(1) D04B-08(1) , D04B-12(2) D04B-10(1)	CHANGE NORMAL TO ESSENTIAL		
ZZ/176'	T301	TB-10	NONE	VERIFY IF TURB IS TURNING GEAR	APPX A: 3.8	13-E-ZTL-003	D04B-10(1)	CHANGE NORMAL TO ESSENTIAL		

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-ZZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION
ZZ/100'	T101	TB-1	D74A-06(1)	GENERAL ILLUMINATION	NONE	13-E-ZZL-001				
ZZ/100'	T113	TB-4	D74A-06(2)	GENERAL ILLUMINATION	NONE	13-E-ZZL-001				
ZZ/100'	T101	TB-2	D74B-06(1)	GENERAL ILLUMINATION	NONE	13-E-ZZL-001				
ZZ/100'	T103	TB-2	D74B-06(2)	GENERAL ILLUMINATION	NONE	13-E-ZZL-001				
ZZ/100'	T101	TB-2	D74B-06(2)	GENERAL ILLUMINATION	NONE	13-E-ZZL-001				
ZZ/140'	T201	TB-5	D74A-02(3)	GENERAL ILLUMINATION	NONE	13-E-ZZL-002				
ZZ/140'	T201	TB6	D74B-02(7)	GENERAL ILLUMINATION	NONE	13-E-ZZL-002				
ZZ/176'	T301	TB-10	D74A-03(3)	GENERAL ILLUMINATION	NONE	13-E-ZZL-003				
ZZ/176'	T301	TB-10	D74B-03(3)	GENERAL ILLUMINATION	NONE	13-E-ZZL-003				

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42A0-25227 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS
						13ELJD507, 41A0-15227		
CORRIDOR/120'	J207	N/A	D80-09(2)	GENERAL ILLUMINATION	N/A	13ELJL006 13ELJD507 41A0-15227	D08E-02 D08E-04 D09F-10(J208)	
CORRIDOR/140'	J320 J321	N/A	D80-07(1) D80-09(1)	GENERAL ILLUMINATION	N/A	13ELJL007 13ELJD502 41A0-15227	D08E-02 D08E-04 D08F-12(J319) D08E-02(J329) (J332) D08E-04(J329) (J331)	
CORRIDOR/140'	J322	N/A	D80-09(1)	GENERAL ILLUMINATION	N/A	13ELJL007 13ELJD502 41A0-15227	D08E-04	
CORRIDOR/140'	J329A J329	N/A	D80-09(2)	GENERAL ILLUMINATION	N/A	13ELJL007 13ELJD502 41A0-15227	D08E-02 D08E-04	
CORRIDOR/160'	J407	N/A	D80-09(1)	GENERAL ILLUMINATION	N/A	13ELJL007 13ELJD502 41A0-15227	D08E-10 D08E-12 D08F-12(J406)	
CORRIDOR/160'	J408	N/A	D80-09(1)	GENERAL ILLUMINATION	N/A	13ELJL007 13ELJD502 41A0-15227	D08E-12 D08F-10(J409)	
CORRIDOR/173'-9"	J412	N/A	D80-09(1)	GENERAL ILLUMINATION	N/A	13ELJL007 13ELJD502 41A0-15227	D08E-10 D08E-12 D08F-08 (RAISED DECK)	

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTIONS
AUX BLDG/40'-0"	A-001	87A	71A-02(2)	GENERAL ILLUMINATION	--	13-E-ZAL-001, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-17	1A-01(2) 1A-03(4)			
AUX BLDG/40'-0"	A-002	87A	71A-02	GENERAL ILLUMINATION	--	13-E-ZAL-001, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-17	1A-01			
AUX BLDG/40'-0"	A-003	87A	71A-02	GENERAL ILLUMINATION	--	13-E-ZAL-001, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-17	1A-01 1A-03			
AUX BLDG/40'-0"	A-004	32A	71A-02	THROTTLE VA. SI-HV-306 CLOSE VA. SI-UV-669 CLOSE VA.SI-HV-683 OPEN SI-HV-306 ADJUST VALVE SI-HV-306	APPX K: 1.10, 1.17, 1.18, 1.22 PAGE 77, 78, 79, 80 APPX K: 1.23.3	13-E-ZAL-001, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-17	1A-01(2) 1A-03			
AUX BLDG/40'-0"	A-005	30A	71A-02	START LPSI PUMP	APPX K: 1.11	13-E-ZAL-001, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-17	1A-01 1A-03(2)			
AUX BLDG/40'-0"	A-006	87A	NONE	GENERAL ILLUMINATION	--	13-E-ZAL-001, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-17	1A-01 1A-03			
AUX BLDG/40'-0"	A-007	31A	71A-02	GENERAL ILLUMINATION	--	13-E-ZAL-001, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-17	1A-01(2) 1A-03(2)			
AUX BLDG/40'-0"	A-008	90	71A-02	GENERAL ILLUMINATION	--	13-E-ZAL-001, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-17	NONE			
AUX BLDG/40'-0"	A-009	90	71A-02	GENERAL ILLUMINATION	--	13-E-ZAL-001, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-17	1A-04 1A-02			

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTIONS
AUX BLDG/40'-0"	A-D16	87B	72A-02(2)	GENERAL ILLUMINATION	--	13-E-ZAL-001, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-17	3A-01(3) 3A-03(3)			
AUX BLDG/40'-0"	A-D13	87B	NONE	GENERAL ILLUMINATION	--	13-E-ZAL-001, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-17	3A-01 3A-03			
AUX BLDG/40'-0"	A-D18	87B	72A-02	GENERAL ILLUMINATION	--	13-E-ZAL-001, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-17	3A-01			
AUX BLDG/40'-0"	A-D17	87B	72A-02	GENERAL ILLUMINATION	--	13-E-ZAL-001, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-17	3A-01 3A-03			
AUX BLDG/40'-0"	A-D16	32B	72A-02	J-SIB-HV-692	APPX L: 1.18	13-E-ZAL-001, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-17	3A-01(2) 3A-03			
AUX BLDG/40'-0"	A-D15	30B	72A-02	GENERAL ILLUMINATION	--	13-E-ZAL-001, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-17	3A-01 3A-03(2)			
AUX BLDG/40'-0"	A-D12	31B	72A-02	GENERAL ILLUMINATION	--	13-E-ZAL-001, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-17	3A-01(3) 3A-03			
AUX BLDG/40'-0"	A-D11	89	72A-02	GENERAL ILLUMINATION	--	13-E-ZAL-001, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-17	3A-02 3A-04			
AUX BLDG/40'-0"	A-D10	89	72A-02	GENERAL ILLUMINATION	--	13-E-ZAL-001, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-17	3A-04 3A-02			

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTIONS
AUX BLDG/51'-6"	A-C06	85A	71A-02(2)	GENERAL ILLUMINATION	--	13-E-ZAL-008, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-18	1A-02(4) 1A-04(6)			
AUX BLDG/51'-6"	A-C02	N/A	NONE	ACCESS/EGRESS	--	13-E-ZAL-008, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-18	1A-04 1B-10			
AUX BLDG/51'-6"	A-C05	30A	71A-02	GENERAL ILLUMINATION	--	13-E-ZAL-008, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-18	1A-02 1A-04 D01B-10(1)			
AUX BLDG/51'-6"	A-C04	32A	71A-02	GENERAL ILLUMINATION	--	13-E-ZAL-008, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-18	1A-02 1A-04 D01B-10(1)			
AUX BLDG/51'-6"	A-C03	83A	71A-02	GENERAL ILLUMINATION	--	13-E-ZAL-008, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-18	1A-04			
AUX BLDG/51'-6"	A-C13	88B	72A-02(3)	EAST CORRIDORS	--	13-E-ZAL-008, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-18	3A-02(4) 3A-04(5)		EXTRA ESSENT. LIGHT IN NE CORRIDOR SHOULD BE LOCATED LPSI PUMP ROOM	ENHANCEMENT LPSI NOT REQUIRED FOR SAFE SHUTDOWN
AUX BLDG/51'-6"	A-C15	30B	72A-02	GENERAL ILLUMINATION	--	13-E-ZAL-008, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-18	3A-02(2) 3A-04 D03B-10(1)			
AUX BLDG/51'-6"	A-C16	32B	72A-02	JSIB HV 307 JSIB UV 668	APPX L: 1.22, 1.23.6 APPX L: 1.17	13-E-ZAL-008, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-18	3A-02 3A-04 D03B-10(1)		VALVE 668 CANNOT BE OPERATED IN EMERGENCY MODE	ENHANCEMENT VALVE NOT REQUIRED FOR SAFE SHUTDOWN
AUX BLDG/51'-6"	A-C09	90	NONE	GENERAL ILLUMINATION	--	13-E-ZAL-008, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-18	1A-04			

BUILDING/ELEV --	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AD-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTIONS
AUX BLDG/51'-6"	A-C09	83B	NONE	GENERAL ILLUMINATION	--	13-E-ZAL-008, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-18	3A-02			
AUX BLDG/51'-6"	A-D12		--	GENERAL ILLUMINATION	--	13-E-ZAL-008, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	D03B-10(1)			
AUX BLDG/51'-6"	A-C07	31B	--	GENERAL ILLUMINATION	--	13-E-ZAL-008, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	D01B-10(2)			
AUX BLDG/51'-6"	A-D07	90	--	GENERAL ILLUMINATION	--	13-E-ZAL-008, REV 13 13-A-ZAD-201, REV 19 13-A-ZAD-201, REV 19	D01B-10(1)			
AUX BLDG/51'-6"	A-C16	31A	--	GENERAL ILLUMINATION	--	13-E-ZAL-008, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	D03B-10(2)			
AUX BLDG/51'-6"	A-D11	89	--	GENERAL ILLUMINATION	--	13-E-ZAL-008, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	3A-04			
AUX BLDG/70'-0"	A-B02	N/A	71C-05	ACCESS/EGRESS	--	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	NONE			
AUX BLDG/70'-0"	A-B09	37C	NONE	GENERAL ILLUMINATION	--	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	1A-06			
AUX BLDG/70'-0"	A-B04	37C	71A-03(2)	OPEN VALVES SI-UV-655 & SI-UV-691	APPX. K SECT 1.5, 1.6, PG 77	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	1A-06(2) 1A-03			
AUX BLDG/70'-0"	A-B13	37A	71A-03	CLOSE VALVE SI-HV-684	APPX. K SECT 1.3, PG 76	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	1A-06(2) 1A-03(3)			

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTIONS
AUX BLDG/70'-0"	A-C02	37A	71A-02	ACCESS/EGRESS	--	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	NONE			
AUX BLDG/70'-0"	A-B07	37A	71A-03(2)	ACCESS/EGRESS	--	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	1A-08			
AUX BLDG/70'-0"	A-B05	37C	71A-03	ACCESS/EGRESS	--	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	1A-06			
AUX BLDG/70'-0"	A-B06	34A	71A-03	OPERATE CH-UV-501	6.3.2.2	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	1A-06 1A-08(2)			
AUX BLDG/70'-0"	A-B03	36	71A-03	OPERATE HV 536	5.3.2.1	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	1A-06 1A-08(2)	UFSAR TABLE 9.5 - 5 OPERABILITY REQ		
AUX BLDG/70'-0"	A-B12	35A	71A-03	OPEN VALVE SI-HV-685 SI-HV-686, THROTTLE SI-HV-657 MONITOR TEMP ON EW-TI-49	APPX. K: SECT. 1.7, 1.8, 1.9, PG 77 APPX K: 1.23.5 (NOTE)	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	1A-06(2) 1A-08(3)			
AUX BLDG/70'-0"	A-B11	35A	71A-03	OPEN SI-HV-688 CLOSE SI-HV-687 READ TEMP INDICATOR SI-TE-303X	APPX. K: SECT 1.2, PG 76 SECT 1.4, PG 77 APPX K: 1.23.1 (NOTE)	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	1A-06(3) 1A-08(2)			
AUX BLDG/70'-0"	A-B10	37A	71A-03(4) 72A-05(3)	OPEN CH-HV-536	5.3.2.1	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	1A-08(4) 3A-12(2) 1A-06(2)			

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 2AO-2Z227 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTIONS
AUX BLDG/70'-0"	A-B20	35B	72A-05	REPLACE SIB-FI-307 FLOW GAUGE REPLACE SIB-TE-303Y TEMP IND	APPX L: 1.1.1 APPX L: 1.1.2	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	3A-10(2) 3A-12(3)			
AUX BLDG/70'-0"	A-B19	35B	72A-05	J-SIB-HV-696 J-SIB-HV-658 J-EWN-TI-50 J-SIB-TE-303Y CLOSE SI-HV-695 MANUALLY	APPX L: 1.8 APPX L: 1.9, 1.23.6 APPX L: 1.23.6 (NOTE) APPX L: 1.23.2 (NOTE) APPX L: 1.4	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	3A-10(2) 3A-12(3)			
AUX BLDG/70'-0"	A-B21	34B	72A-05	GENERAL ILLUMINATION	--	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	3A-10(3) 3A-12(2)			
AUX BLDG/70'-0"	A-B22	37B	72A-05(2)	ACCESS/EGRESS	--	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	3A-12(2)			
AUX BLDG/70'-0"	A-B18	37B	72A-05	J-SIB-FT-307 AND ACCESS/EGRESS	APPX L: 1.22	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	3A-06 3A-10(3) 3A-12(3) 1B-05			
AUX BLDG/70'-0"	A-B24	37D	72A-05	J-SIB-HV-690 AND ACCESS/EGRESS	APPX L: 1.6, 1.23.3	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	3A-10(3) 3A-12(2)			
AUX BLDG/70'-0"	A-B01	N/A	NONE	GENERAL ILLUMINATION	--	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	D01B-10(1)			
AUX BLDG/70'-0"	A-B15	N/A	NONE	GENERAL ILLUMINATION	--	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	D03B-05(3)			
AUX BLDG/70'-0"	A-B16	37E	NONE	GENERAL ILLUMINATION	--	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19	D01B-05(9) D01B-10(3)			

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTIONS
						13-E-ZAL-003, REV 11 UFSAR- FIG. 9B-19				
AUX BLDG/70'-0"	A-B28	37D	NONE	GENERAL ILLUMINATION	--	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	D038-02(2)			
AUX BLDG/70'-0"	A-B27	37D	NONE	GENERAL ILLUMINATION	--	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	D038-02(5)			
AUX BLDG/70'-0"	A-B25	37D	072A-05(1)	ACCESS/EGRESS	--	13-E-ZAL-002, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-19	D038-05(3)			
AUX BLDG/83'-0"	A-A01	37C	71A-03	ACCESS/EGRESS	--	13-E-ZAL-003, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-20	1A-05 1A-07			
AUX BLDG/83'-0"	A-A16	37C	NONE	ACCESS/EGRESS	--	13-E-ZAL-003, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-20	1A-05(3) 1A-07(3)	NEED ESSENTIAL LIGHT		ENHANCEMENT- NOT REQ'D FOR SAFE SHTDN
AUX BLDG/83'-0"	A-A02	37C	71A-03(2)	TRAIN A PIPING PENETRATION RM	--	13-E-ZAL-003, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-20	1A-05(8) 1A-07(8)	UFSAR TABLE 9.5 - 5 OPERABILITY REQ		
AUX BLDG/83'-0"	A-A09	37D	72A-05(2)	J-SI8-UV-615 J-SI8-UV-625 J-SI8-HV-690	APPX L: 1.23.1, 1.23.3, 1.23.4 APPX L: 1.23.2, 1.23.3, 1.23.5	13-E-ZAL-003, REV 11 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-20	3A-05(9) 3A-07(8)	UFSAR TABLE 9.5 - 5 OPERABILITY REQ		
AUX BLDG/83'-0"	A-A07	39B	NONE	GENERAL ILLUMINATION	--	13-A-ZAD-201, REV 19 13-E-ZAL-003, REV 11 UFSAR- FIG. 9B-20	D01C-01(12) D01C-03(12) D01C-02(7) D01C-04(6)			
AUX BLDG/83'-0"	A-A04	39A	NONE	GENERAL ILLUMINATION	--	13-A-ZAD-201, REV 19 13-E-ZAL-003, REV 11 UFSAR- FIG. 9B-20	D01C-06(7) D01C-03(7)			

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTIONS
AUX BLDG/88'-0"	A-A03	39A 39B	NONE	GENERAL ILLUMINATION	--	13-A-ZAO-201, REV 19 13-E-ZAL-003, REV 11 UFSAR- FIG. 9B-20	D01C-02(5) D01C-04(6) D01C-05(9) D01C-06(3) D01C-08(3) D01C-09(16) D01-11(7)			
AUX BLDG/85'-0"	A-A05 A-A12	39B	NONE	GENERAL ILLUMINATION	--	13-A-ZAO-201, REV 19 13-E-ZAL-003, REV 11 UFSAR- FIG. 9B-20	D01C-05(3) D01C-09(8) D01C-11(3)			
AUX BLDG/100'-0"	A-101	42A	71C-02	ACCESS/EGRESS	--	13-E-ZAL-004, REV 13 13-A-ZAO-202, REV 17 UFSAR- FIG. 9B-21	1D-03 1D-05 1D-07			
AUX BLDG/100'-0"	A-102	42A	71C-02(3)	E-NGN-L11 SEE IF BRKR IS OPEN OR CLOSED	3.1.1.3, PG 11	13-E-ZAL-004, REV 13 13-A-ZAO-202, REV 17 UFSAR- FIG. 9B-21	1D-03(5) 1D-05(5) 1D-07(5)	UFSAR TABLE 9.5 - 5 OPERABILITY REQ		
AUX BLDG/100'-0"	A-104	42D	71C-02(3)	GENERAL ILLUMINATION	--	13-E-ZAL-004, REV 13 13-A-ZAO-202, REV 17 UFSAR- FIG. 9B-21	1D-03(3) 1D-05(4) 1D-07(4)			
AUX BLDG/100'-0"	A-105	43	71C-02(2)	GENERAL ILLUMINATION	--	13-E-ZAL-004, REV 13 13-A-ZAO-202, REV 17 UFSAR- FIG. 9B-21	1D-03(3) 1D-05(3) 1D-07(2)			
AUX BLDG/100'-0"	A-106	43	71C-02(2)	GENERAL ILLUMINATION	--	13-E-ZAL-004, REV 13 13-A-ZAO-202, REV 17 UFSAR- FIG. 9B-21	1D-03(3) 1D-05(2) 1D-07(3)			
AUX BLDG/100'-0"	A-107	42D	71C-02(2) 72C-02	GENERAL ILLUMINATION	--	13-E-ZAL-004, REV 13 13-A-ZAO-202, REV 17 UFSAR- FIG. 9B-21	1D-09(4) 1D-11(2) 1D-13(4) 3D-07(3)			

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AD-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	CONTENT RESOLUTIONS
AUX BLDG/100'-0"	A-103	42D	71C-02	GENERAL ILLUMINATION	--	13-E-ZAL-004, REV 13 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-21	1D-03 1D-05 1D-07			
AUX BLDG/100'-0"	A-115	42C	72C-02(2)	GENERAL ILLUMINATION	--	13-E-ZAL-004, REV 13 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-21	3D-07 3D-09 3D-13 1D-09(2) 1D-11(2) 1D-13(3)			
AUX BLDG/100'-0"	A-110	44	72A-11	MONITOR CHN-110P OR 1100 V-340, V-341, V-342, V-343, V-347, V-348, V-349, V-350	3.2.1.1, 5.3.13.1.1, 5.3.13.1.3, 5.3.16.1, 5.3.16.3	13-E-ZAL-004, REV 13 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-21	D01E-05(2) D01E-07			
AUX BLDG/100'-0"	A-111	42D	72C-02	GENERAL ILLUMINATION	--	13-E-ZAL-004, REV 13 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-21	3D-01(2) 3D-03 3D-05 3D-11			
AUX BLDG/100'-0"	A-117	46E	72A-09	SHUT ISO VALVE CHN-V195 OPEN V961, CLOSE V336 OPEN HV 501, CHN-UV514	6.3.1.1 APPX N: 1.4, 1.5 6.3.2.3	13-E-ZAL-004, REV 13 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-21 13-P-CHF-206, 207	D03E-15(1) D03E-19(1)		IN CHARGING PUMP VALVE GALLERY CHANGE ONE NORMAL FIXTURE TO ESSENTIAL	ENHANCEMENT TO ADD REDUNDANT FIXTURE
AUX BLDG/100'-0"	A-136	42C	NONE	ACCESS/EGRESS	--	13-E-ZAL-004, REV 13 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-21	3D-01(01) 3D-03(1) 3D-11(1)			
AUX BLDG/100'-0"	A-137	42C	72C-02	GENERAL ILLUMINATION	--	13-E-ZAL-004, REV 13 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-21	3D-01(2) 3D-03 3D-05 3D-11(2)			
AUX BLDG/100'-0"	A-122	46B	72A-09	CLOSE CHV-319 OPEN CHV-960 CHEV332	APPX N: 1.14 APPX N: 1.15, 1.16, 1.19	13-E-ZAL-004, REV 13 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-21 13-P-CHF-206	D03E-01(3) D03E-03(2) D03E-05(2)	UFSAR TABLE 9.5 - 5 OPERABILITY REQ		

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTIONS
AUX BLDG/100'-0"	A-126	42C	72C-02	GENERAL ILLUMINATION	--	13-E-ZAL-004, REV 13 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-21	30-01 30-03(2) 30-05(2) 30-11			
AUX BLDG/100'-0"	A-123	46A	72A-09	CLOSE CHV 322 OPEN CH-VX81 AND V329	APPX N: 1.3 APPX N: 1.26, 1.27	13-E-ZAL-004, REV 13 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-21 13-P-CHF-206, 207	D03E-01(2) D03E-03(2) D03E-05(3)			
AUX BLDG/100'-0"	A-131 STWY	42D	71A-11	ACCESS/EGRESS	--	13-E-ZAL-004, REV 13 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-21	NONE			
AUX BLDG/100'-0"	A-132 STWY	42C	72A-11	ACCESS/EGRESS	--	13-E-ZAL-004, REV 13 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-21	NONE			
AUX BLDG/100'-0"	A-119	42C	72C-02(2)	ACCESS/EGRESS	--	13-E-ZAL-004, REV 13 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-21	30-01(3) 30-03(4) 30-05(3) 30-11(4)			
AUX BLDG/100'-0"	A-127	42B	72C-02(3) FOUR FIXTURES-POWER SUPPLY FROM UNIT E-DGN-004	E-PHB-M34 MANUALLY OPEN AND CLOSE BREAKERS & SWITCHES E-PHB-M36 OPEN AND CLOSE BREAKERS & SWITCHES E-PHB-M38 OPEN AND CLOSE SWITCHES AND BREAKERS E-ZAB-C01, E-ZAB-C03 E-ZAB-C04, E-ZAB-C05 CLOSE SI-HV695 AT MCC PHB-M3810 OPEN SI-UV 656 MANUALLY OR AT PHB-M3605 OPEN SI-UV650 AT MCC PHB-3806 OR MANUALLY	1.2, PG 82 5.3.22, PG 30 1.3, PG 82 1.5, PG 83 APPX J: PG 74 APPX J: PG 71 APPX L: 1.4 APPX L: 1.5 APPX L: 1.6	13-E-ZAL-004, REV 13 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-21	30-01(6) 30-03(4) 30-05(3) 30-11(3)	UFSAR TABLE 9.5 - 5 OPERABILITY REQ		

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTIONS
AUX BLDG/100'-0"	A-129	42C	72C-02	GENERAL ILLUMINATION	--	13-E-ZAL-004, REV 13 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-21	3D-03 3D-11 3D-01 3D-05(2)			
AUX BLDG/100'-0"	A-128	42C	72C-02	GENERAL ILLUMINATION	--	13-E-ZAL-004, REV 13 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-21	3D-03 3D-05 3D-11(2)			
AUX BLDG/100'-0"	A-109	44	D72A-11(1)	GENERAL ILLUMINATION	--	13-A-ZAD-202, REV 17 13-E-ZAL-004, REV 13 UFSAR- FIG. 9B-21	D01E-05 D01E-07(3)			
AUX BLDG/100'-0"	A-112	45	D72A-11(1)	GENERAL ILLUMINATION	--	13-A-ZAD-202, REV 17 13-E-ZAL-004, REV 13 UFSAR- FIG. 9B-21	D03E-15(1) D03E-19(1)			
AUX BLDG/100'-0"	A-113	45	D72A-11(1) D72A-09(1)	GENERAL ILLUMINATION	--	13-A-ZAD-202, REV 17 13-E-ZAL-004, REV 13 UFSAR- FIG. 9B-21	D03E-19(1)			
AUX BLDG/100'-0"	A-114	45	NONE	GENERAL ILLUMINATION	--	13-A-ZAD-202, REV 17 13-E-ZAL-004, REV 13 UFSAR- FIG. 9B-21	D03E-15(1) D03E-19(1)			
AUX BLDG/100'-0"	A-118	46E	NONE	GENERAL ILLUMINATION	--	13-A-ZAD-202, REV 17 13-E-ZAL-004, REV 13 UFSAR- FIG. 9B-21	D03E-15(1) D03E-01(1)			
AUX BLDG/100'-0"	A-116	46E	D72-09	GENERAL ILLUMINATION	--	13-A-ZAD-202, REV 17 13-E-ZAL-004, REV 13 UFSAR- FIG. 9B-21	D03E-19(3) D03E-15(4) D03E-01(1)			
AUX BLDG/100'-0"	A-120	46B	NONE	ACCESS/EGRESS	--	13-A-ZAD-202, REV 17 13-E-ZAL-004, REV 13 UFSAR- FIG. 9B-21	D03E-03(1) D03E-05(1)			
AUX BLDG/100'-0"	A-121	46B	D72A-09	CHARGING PUMP VALVE GALLERY	--	13-A-ZAD-202, REV 17 13-E-ZAL-004, REV 13 UFSAR- FIG. 9B-21	D03E-03(1) D03E-05(1)	FSAR TABLE 9.5-5 OPERABILITY REQUIREMENTS	IN CHARGING PUMP VALVE GALLERY CHANGE ONE NORMAL FIXTURE TO ESSENTIAL	ENHANCEMENT TO ADD REDUNDANT FIXTURE

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTIONS
AUX BLDG/100'-0"	A-125	46A	NONE	GENERAL ILLUMINATION	--	13-A-ZAD-202, REV 17 13-E-ZAL-004, REV 13 UFSAR- FIG. 9B-21	DOSE-01(1) DOSE-03(1)			
AUX BLDG/100'-0"	A-124	46A	072A-09(1)	GENERAL ILLUMINATION	--	13-A-ZAD-202, REV 17 13-E-ZAL-004, REV 13	DOSE-03(1) DOSE-05(1)		IN CHARGING PUMP VALVE GALLERY CHANGE ONE NORMAL FIXTURE TO ESSENTIAL	ENHANCEMENT TO ADD REDUNDANT FIXTURE
AUX BLDG/120'-0"	A-204	48	720-11(2) 720-09(2)	SEE IF BREAKERS ARE OPEN OR CLOSED	3.1.1, PG 11	13-E-ZAL-005, REV 16 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-22	1D-02(3) 1D-04(3) 1D-06(3) 1D-08(5) 1D-10(4) 1D-12(4)	UFSAR TABLE 9.5-5 OPERABILITY REQUIREMENT		
AUX BLDG/120'-0"	A-201	52A	720-07 720-09	ACCESS/EGRESS	--	13-E-ZAL-005, REV 16 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-22	1D-08 1D-10 1D-12			
AUX BLDG/120'-0"	A-202	47A	720-07 720-11(2) 720-09 FOUR FIXTURES-POWER SUPPLY FROM UNIT E-DGN-003	E-PHA-M33 OPEN OR CLOSE A BREAKER E-PHA-M35 OPEN OR CLOSE SWITCHES AND A BREAKER E-PHA-M37 OPEN OR CLOSE SWITCHES AND A BREAKER E-ZAA-C01, E-ZAA-C03 E-ZAA-C05 OPEN SI-HV306 AT MCC PHA-M37 CLOSE SI-UV669 AT M35 CLOSE SI-HV683 AT M37 OR MANUALLY 306 SI-UV635 AT M33 OR MANUALLY 306 SI-UV645 AT M33 OR MANUALLY 306 SI-UV635 & SI-UV645 AT M33 OR MANUALLY. CLOSE SI-HV691 MANUALLY OR AT MCC OPEN SI-UP635 MANUALLY	5.3.22, PG 30 5.3.35, PG 33 1.6, PG 77 APPX K: 1.10 APPX K: 1.17, 1.18 APPX K: 1.23.1 APPX K: 1.23.2 APPX K: 1.23.3 APPX K: 1.23.4	13-E-ZAL-005, REV 16 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-22	1D-02(2) 1D-04(3) 1D-06(2)	UFSAR TABLE 9.5 - 5 OPERABILITY REQ		

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTIONS
				OR AT PHA-M33						
AUX BLDG/120'-0"	A-211	52D	720-11	EAST CORRIDORS	--	13-E-ZAL-005, REV 16 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-22	1D-02 1D-06 3D-04 3D-06			
AUX BLDG/120'-0"	A-229	52D	NONE	GENERAL ILLUMINATION	--	13-E-ZAL-005, REV 16 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-22	3D-03(3) 3D-10(2) 3D-12(2)			
AUX BLDG/120'-0"	A-218	51B	720-09 720-11	ACCESS/EGRESS	--	13-E-ZAL-005, REV 16 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-22	3D-03(2) 3D-10(2) 3D-12(2)			
AUX BLDG/120'-0"	A-217	50B	720-09	ACCESS/EGRESS	--	13-E-ZAL-005, REV 16 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-22	3D-03 3D-10(3) 3D-12			
AUX BLDG/120'-0"	A-223	54	720-07 720-11	ACCESS/EGRESS	--	13-E-ZAL-005, REV 16 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-22	3D-03(2) 3D-10(2) 3D-12			
AUX BLDG/120'-0"	A-227	54	720-11(2) 720-09(2)	GENERAL ILLUMINATION	--	13-E-ZAL-005, REV 16 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-22	3D-03(6) 3D-10(6) 3D-12(5)		ADD ESSENTIAL LIGHT IN THE AC REACTOR TRIP SWITCHGEAR RM	ENHANCEMENT NOT REQ'D FOR SAFE SHTDN
AUX BLDG/120'-0"	A-236	52D	NONE	ACCESS/EGRESS	--	13-E-ZAL-005, REV 16	3D-03(1) 3D-10(1) 3E-12(1)			
AUX BLDG/120'-0"	A-238	54	--	--	--	13-E-ZAL-005, REV 16 13-A-ZAD-202, REV 17	3D-12 3D-03	NOT INCLUDED IN ESSENTIAL LIGHT PROC	ADD ESSENTIAL LIGHT IN THE AC REACTOR TRIP SWITCHGEAR RM	ENHANCEMENT NOT REQ'D FOR SAFE SHTDN

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTIONS
AUX BLDG/120'-0"	A-216	52D	720-09(2) 720-11 ONE FIXTURE-POWER SUPPLY FROM UNIT E-GEN-003	EAST CORRIDORS	--	13-E-ZAL-005, REV 14 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-22	3D-06(3) 3D-04(2) 3D-02(3) 3D-10 3D-12 3D-08			
AUX BLDG/120'-0"	A-215	47B	720-09(2) 720-11	TRAIN B (CHANNEL D) ELECTRICAL PENETRATION ROOM	--	13-E-ZAL-005, REV 14 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-22	3D-02(5) 3D-04(7) 3D-06(5)	UFSAR TABLE 9.5 - 5 OPERABILITY REQ		
AUX BLDG/120'-0"	A-230	47B	720-11	GENERAL ILLUMINATION	--	13-E-ZAL-005, REV 14 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-22	3D-08 3D-12 3D-10			
AUX BLDG/120'-0"	A-205		D720-09(1) D720-11(1)	GENERAL ILLUMINATION	--	13-A-ZAD-202, REV 17 13-E-ZAL-005, REV 14	D01E-09(2) D01E-11(20			
AUX BLDG/120'-0"	A-213		D720-07(1) D720-09(1)	GENERAL ILLUMINATION	--	13-A-ZAD-202, REV 17 13-E-ZAL-005, REV 14	D01E-09(2) D01E-11(2)			
AUX BLDG/120'-0"	A-224		D720-09	GENERAL ILLUMINATION	--	13-A-ZAD-202, REV 17 13-E-ZAL-005, REV 14	D01E-09(2) D01E-11(1)			
AUX BLDG/120'-0"	A-212		NONE	GENERAL ILLUMINATION	--	13-A-ZAD-202, REV 17 13-E-ZAL-005, REV 14	D01E-13(1)			
AUX BLDG/120'-0"	A-214		D720-11(1)	GENERAL ILLUMINATION	--	13-A-ZAD-202, REV 17 13-E-ZAL-005, REV 14	D01E-13(3)			
AUX BLDG/120'-0"	A-221		D720-07(1)	GENERAL ILLUMINATION	--	13-A-ZAD-202, REV 17 13-E-ZAL-005, REV 14	NONE			
AUX BLDG/120'-0"	A-219		NONE	GENERAL ILLUMINATION	--	13-A-ZAD-202, REV 17 13-E-ZAL-005, REV 14	D030-12(1)			

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTIONS
AUX BLDG/120'-0"	A-220		NONE	GENERAL ILLUMINATION	--	13-A-ZAD-202, REV 17 13-E-ZAL-005, REV 16	D03D-10(1)			
AUX BLDG/120'-0"	A-222		NONE	GENERAL ILLUMINATION	--	13-A-ZAD-202, REV 17 13-E-ZAL-005, REV 16	D03D-08(1)			
AUX BLDG/129'-0"	A-232	49	720-11 720-09	GENERAL ILLUMINATION	--	13-E-ZAL-005, REV 16 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-22	1D-10(3) 1D-8(3) 1D-12(4)			
AUX BLDG/129'-0"	A-233	50A	720-07	GENERAL ILLUMINATION	--	13-E-ZAL-005, REV 16 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-22	1D-08 1D-10(2) 1D-12			
AUX BLDG/129'-0"	A-234	50A	720-07	GENERAL ILLUMINATION	--	13-E-ZAL-005, REV 16 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-22	1D-08(3) 1D-10(2) 1D-12(2)			
AUX BLDG/129'-0"	A-235	50A	720-11 720-07	GENERAL ILLUMINATION	--	13-E-ZAL-005, REV 16 13-A-ZAD-202, REV 17 UFSAR- FIG. 9B-22	1D-08(2) 1D-10(2) 1D-12(2)		NO ESSENTIAL LTG WAS VISIBLE IN RM A-235 FOR WALKDOWN REASONS	ENHANCEMENT NOT REQUIRED FOR SAFE SHUTDOWN
AUX BLDG/140'-0"	A-307	57N	71C-04	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 16 UFSAR- FIG. 9B-23	1F-01			
AUX BLDG/140'-0"	A-313	57E	71C-06	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 16 UFSAR- FIG. 9B-23	1F-02(2) 1F-04(3)			
AUX BLDG/140'-0"	A-315	57F	71C-06	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 16 UFSAR- FIG. 9B-23	1F-06			

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AD-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTIONS
AUX BLDG/140'-0"	A-317	57F	71C-03	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	1F-02(2) 1F-04			
AUX BLDG/140'-0"	A-306	57M	NONE	ACCESS/EGRESS	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	1F-01 1F-03(2) 1F05(2)		ADD ESSENTIAL LIGHT BY DOOR 305	ENHANCEMENT NOT REQ'D FOR SAFE SHTDN
AUX BLDG/140'-0"	A-314	57M	71C-06	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	1F-01(2) 1F-03(2)			
AUX BLDG/140'-0"	A-319	57G	71C-06 71C-07	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	1F-06 1F-04			
AUX BLDG/140'-0"	A-320	57N	71C-06(2)	ACCESS/EGRESS	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	1F-01(2) 1F-03(3) 1F-05(3)			
AUX BLDG/140'-0"	A-312	57D	71C-04	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	1F-04(3) 1F-06(4)			
AUX BLDG/140'-0"	A-322	57A	71C-04(3)	HOT LAB	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	1F-02(6) 1F-04(6) 1F-06(5)	UFSAR TABLE 9.5 - 5 OPERABILITY REQ		
AUX BLDG/140'-0"	A-325	57C	71C-04	HOT LAB	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	1F-05(2) 1F-03	UFSAR TABLE 9.5 - 5 OPERABILITY REQ		
AUX BLDG/140'-0"	A-310	57M	71C-04	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	1F-05(2)			

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTIONS
AUX BLDG/140'-0"	A-304	57N	71C-04	GENERAL ILLUMINATION	—	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	1F-05(3) 1F-03(2) 1F-01(3)			
AUX BLDG/140'-0"	A-305	56A	71C-04	GENERAL ILLUMINATION	—	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	1F-01(2) 1F-03			
AUX BLDG/140'-0"	A-326	57A	NONE	GENERAL ILLUMINATION	—	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	1F-04 1F-06			
AUX BLDG/140'-0"	A-302	55A	71C-04(2)	ACCESS/EGRESS	—	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	1F-01(4) 1F-03(4) 1F-05(5)			
AUX BLDG/140'-0"	A-301	55A	NONE	GENERAL ILLUMINATION	—	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	1F-03			
AUX BLDG/140'-0"	A-330	57L	71C-06	GENERAL ILLUMINATION	—	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	1F-06			
AUX BLDG/140'-0"	A-331	57L	71C-06	GENERAL ILLUMINATION	—	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	1F-02(3) 1F-04(2)			
AUX BLDG/140'-0"	A-332	57M	NONE	GENERAL ILLUMINATION	—	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	1F-01(2) 1F-03			
AUX BLDG/140'-0"	A-333	57L	71C-06	GENERAL ILLUMINATION	—	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	NO CIRC # GIVEN(1)			

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTIONS
AUX BLDG/140'-0"	A-327	57K	72C-04	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 16 UFSAR- FIG. 9B-23	3F-02			
AUX BLDG/140'-0"	A-328	57K	72C-04(2)	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 16 UFSAR- FIG. 9B-23	3F-02(7) 3F-04(9) 3F-06(9)			
AUX BLDG/140'-0"	A-329	57K	NONE	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 16 UFSAR- FIG. 9B-23	3F-07(4)			
AUX BLDG/140'-0"	A-359	57N	72C-04	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 16 UFSAR- FIG. 9B-23	3F-01(3) 3F-03(2) 3F-05(3)			
AUX BLDG/140'-0"	A-335	57J	72C-06	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 16 UFSAR- FIG. 9B-23	3F-09(3) 3F-11(2)			
AUX BLDG/140'-0"	A-338	57J	NONE	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 16 UFSAR- FIG. 9B-23	3F-09(2) 3F-11(2)			
AUX BLDG/140'-0"	A-339	57J	NONE	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 16 UFSAR- FIG. 9B-23	3F-11			
AUX BLDG/140'-0"	A-340	57J	NONE	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 16 UFSAR- FIG. 9B-23	3F-07			
AUX BLDG/140'-0"	A-341	57J	72C-06	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 16 UFSAR- FIG. 9B-23	3F-07(2)			

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTIONS
AUX BLDG/140'-0"	A-364	57J	NONE	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	3F-01			
AUX BLDG/140'-0"	A-343	57J	72C-06(2)	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	3F-10(4) 3F-12(4)			
AUX BLDG/140'-0"	A-344	57N	72C-06	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	3F-01 3F-05			
AUX BLDG/140'-0"	A-345	57N	72C-06	ACCESS/EGRESS	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	3F-01(3) 3F-03(3) 3F-05(2)			
AUX BLDG/140'-0"	A-351	57I	72C-06	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	3F-08(2) 3F-10			
AUX BLDG/140'-0"	A-348	57I	72C-06	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	3F-09(4) 3F-11(4)			
AUX BLDG/140'-0"	A-354	57I	72C-06	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	3F-07(5) 3F-11(4)			
AUX BLDG/140'-0"	A-352	57I	72C-06	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	3F-09(2) 3F-11(2)			
AUX BLDG/140'-0"	A-353	57I	72C-04	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 14 UFSAR- FIG. 9B-23	3F-07(2) 3F-09(2)			

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 4240-22227 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTIONS
AUX BLDG/140'-0"	A-362	57N	NONE	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV. 13 13-A-ZAD-203, REV 16 UFSAR- FIG. 9B-23	3F-01 3F-03 3F-05			
AUX BLDG/140'-0"	A-361	56B	72C-04(2)	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 16 UFSAR- FIG. 9B-23	3F-01(5) 3F-03(5) 3F-05(4)			
AUX BLDG/140'-0"	A-360	56C	72C-04	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 16 UFSAR- FIG. 9B-23	3F-03 3F-05			
AUX BLDG/140'-0"	A-363	56C	72C-04	GENERAL ILLUMINATION	--	13-E-ZAL-006, REV 13 13-A-ZAD-203, REV 16 UFSAR- FIG. 9B-23	3F-01 3F-05			
AUX BLDG/140'-0"	A-303		NONE	GENERAL ILLUMINATION	--	13-A-ZAD-203, REV 16 13-E-ZAL-006, REV 13	D016-17(2)			
AUX BLDG/140'-0"	A-309		NONE	GENERAL ILLUMINATION	--	13-A-ZAD-203, REV 16 13-E-ZAL-006, REV 13	D016-17(2)			
AUX BLDG/140'-0"	A-311		NONE	GENERAL ILLUMINATION	--	13-A-ZAD-203, REV 16 13-E-ZAL-006, REV 13	D016-17(1)			
AUX BLDG/140'-0"	A-321		NONE	GENERAL ILLUMINATION	--	13-A-ZAD-203, REV 16 13-E-ZAL-006, REV 13	D016-17(1)			
AUX BLDG/140'-0"	A-349		NONE	GENERAL ILLUMINATION	--	13-A-ZAD-203, REV 16 13-E-ZAL-006, REV 13	D03G-01(1) D03G-03(1)			
AUX BLDG/140'-0"	A-350		NONE	GENERAL ILLUMINATION	--	13-A-ZAD-203, REV 16 13-E-ZAL-006, REV 13	D03G-05(2) D03G-03(1)			

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTIONS
AUX BLDG/140'-0"	A-358		NONE	GENERAL ILLUMINATION	--	13-A-ZAD-203, REV 14 13-E-ZAL-006, REV 13	D03G-03(2) D03G-05(2)			
AUX BLDG/140'-0"	A-357		NONE	GENERAL ILLUMINATION	--	13-A-ZAD-203, REV 14 13-E-ZAL-006, REV 13	D03G-01(2) D03G-05(1)			
AUX BLDG/140'-0"	A-356		D72A-11	GENERAL ILLUMINATION	--	13-A-ZAD-203, REV 14 13-E-ZAL-006, REV 13	D03G-01(1) D03G-05(1)			
AUX BLDG/140'	A-374	57N	72C-06(1)	ACCESS/EGRESS	--	13-E-ZAL-006, REV 13 (DCN 34)	3F-08(4) 3F-12(1)			
AUX BLDG/140'	A-368	57N	72C-06(1)	ACCESS/EGRESS	--	13-E-ZAL-006, REV 13 (DCN 34)	3F-10(4) 3F-12(4)			
AUX BLDG/140'	A-367	57N	72C-06(1)	ACCESS/EGRESS	--	13-E-ZAL-006, REV 13 (DCN 34)	3F-01(1)			
AUX BLDG/ 51' - 140'	A-826 A-133 STWY G		D72C-05(5)	ACCESS/EGRESS	--	13-E-ZAL-007, REV 6 13-A-ZAD-201, REV 19	D03F-15(3) D03F-17(3)			
AUX BLDG/ 51' - 140'	A-802 A-130 STWY F		D71C-05(6)	ACCESS/EGRESS	--	13-E-ZAL-007, REV 6 13-A-ZAD-201, REV 19	D01F-09(4) D01F-11(3)			
AUX BLDG/51'-70"	A-C11 STWY H	N/A	NONE	ACCESS/EGRESS	--	13-E-ZAL-008, REV 13 13-A-ZAD-201, REV 19 UFSAR- FIG. 9B-18	3A-02 3B-10			

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42A0-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION
CONTROL/74'	JA02	1	D80-01 (2)	GENERAL ILLUMINATION	N/A	13EZJL001 41A012Z27 13AZYD501	D090-01(JA01) D095-01 D098-05			
CONTROL/74'	JA05	2	D79-01 (2)	GENERAL ILLUMINATION	N/A	13EZJL001 41A012Z27 13AZYD501	D038-03 D035-05 D080-01(JA07 & 8)			
CONTROL/100'	J103	5A	D80-03 (1) E08ND02B E08ND02C E08ND02D	EZJAC03 - OPEN DISCONNECT SWITCHES DS-11-03 & DS-11-04	APPX J	13EZJL002 41A0-1ZZ27 13AZYD501	D098-02 D098-04 D090-12(J101) D080-6 D096-06(J106 & 107) D098-10(J106 & 107)	UFSAR TABLE 9.5-5 OPERABILITY REQ		
				EPGAL31	SEC 3.2.2, 6.3.33.3, APPX D (12.5.1), APPX N (1.24, 1.33)					
				EPGAL33	APPX D (12.5.2)					
				EPGAL35	SEC 3.2.2, 6.3.33.3, APPX D (12.5.1), APPX N (1.24, 1.33)					
				EPBAS03	SEC 5.3.31, 5.3.18, 5.3.19, 5.3.20, 6.3.17.1, 6.3.17.2, 6.3.17.3, APPX D(12.3), APPX J					
				EPBAS03F REMOVE & INSTALL UC FUSES	APPX K (1.16, 1.21)					
CONTROL/100'	J116	5B	D79-03 (1) E08ND01A E08ND01B E08ND01C	EPGBL32	SEC 3.2.2, 6.3.33.3, APPX D(12.5.4), APPX N(1.13, 1.22)	13EZJL002 41A0-1ZZ27 13AZYD501	D038-02 D038-04 D080-12(J116) D080-06 D038-06(J110, 112) D038-03(J110, 112)	UFSAR TABLE 9.5-5 OPERABILITY REQ	NEED ADD'L ESSENTIAL LIGHT OUTSIDE THE "B" TRAIN REMOTE SHUTDOWN PANEL FOR ACCESS/ EGRESS	ENHANCEMENT NOT REQ'D FOR SAFE SHUTDOWN TO ACCESS/EGRESS
				EPGBL34	APPX D (12.5.5)					

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42AO-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION
				EP68L36	SEC 3.2.2, 6.3.33.3, APPX D(12.5.6), APPX N(1.2, 1.11)					
				EP88S04	SEC 5.3.18, 5.3.19, 5.3.20, 6.3.17.1, 6.3.17.2, 6.3.17.3, APPX D (12.4) APPX F (1.1.1), APPX J					
				EP88S04F REMOVE & INSTALL UC FUSES	APPX L (1.16, 1.21)					
CONTROL/100'	J113A	10A	D81-12(1) D84-12(1) EQ8ND02E	EZJAE01	THROUGHOUT THE PROCEDURE	13EZJL002 41AO-1ZZ27 13AZJD501	N/A	UFSAR TABLE 9.5-5 OPERABILITY REQ		
CONTROL/100'	J113B	10B	D81-12(1) D84-12(1) EQ8ND01E	EZJEE01 EZJEE02	THROUGHOUT THE PROCEDURE	13EZJL002 41AO-1ZZ27 13AZJD501	N/A	UFSAR TABLE 9.5-5 OPERABILITY REQ		
CONTROL/100'	J108	6A	EQ8ND02A	EPKCB43	APPX K (1.20)	13EZJL002 41AO-1ZZ27 13AZJD501	D098-02 D098-04	UFSAR TABLE 9.5-5 OPERABILITY REQ		
CONTROL/100'	J109	6B	EQ8ND01D	EPKDB44	APPX L(1.20)	13EZJL002 41AO-1ZZ27 13AZJD501	D038-02 D038-04	UFSAR TABLE 9.5-5 OPERABILITY REQ		
CONTROL/120'	J202	14	D80-06(5)	GENERAL ILLUMINATION	N/A	13EZJL003 41AO-1ZZ27 13AZJD501	D08A-04 D08A-06 D09A-10 D090-12(J201) D030-12(J205)			
CONTROL/120'	J203	13	D80-06(1)	--	N/A	13EZJL003 41AO-1ZZ27 13AZJD501	D09A-10 D09A-12			

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42A0-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION
CONTROL/120'	J204	12	D80-06(1)	--	N/A	13EZJL003 41A0-1ZZ27 13AZJD501	D09A-10 D09A-12			
CONTROL/140'	J302	17	D81-02(8) D81-06(2) D81-03(8) D81-11(8) D81-09(1) D84-02(8) D84-06(2) D84-01(5) D84-05(9)	GENERAL ILLUMINATION	N/A	13EZJL003 41A0-1ZZ27 13AZJD503	N/A	ACCESS/EGRESS UPON AC POWER (DIESEL) RESTORATION		
CONTROL/140'	J306	--	D81-10(13) D81-08(12) D84-10(12) D84-08(13)	CONTROL ROOM ILLUMINATION	N/A	13EZJL003 41A0-1ZZ27 13AZJD503	N/A	UFSAR TABLE 9.5-5 OPERABILITY REQ		
CONTROL/140'	J312	17	D84-06(1) D81-06(2) D81-12(1)	GENERAL ILLUMINATION	N/A	13EZJL003 41A0-1ZZ27 13AZJD503	N/A	ACCESS/EGRESS UPON AC POWER (DIESEL) RESTORATION		
CONTROL/140'	J317	17	D81-12 D81-06	GENERAL ILLUMINATION	N/A	13EZJL003 41A0-1ZZ27 13AZJD503	N/A	ACCESS/EGRESS UPON AC POWER (DIESEL) RESTORATION		
CONTROL/140'	J310	17	D81-01b(3) D84-07a(3)	GENERAL ILLUMINATION	N/A	13EZJL003 41A0-1ZZ27 13AZJD503	N/A			
CONTROL/140'	J311	17	D84-07a(2) D81-01b(1)	GENERAL ILLUMINATION	N/A	13EZJL003 41A0-1ZZ27 13AZJD503				
CONTROL/140'	J309	17	D81-01a(3) D84-07b(2)	GENERAL ILLUMINATION	N/A	13EZJL003 41A0-1ZZ27	N/A			

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 42A0-22227 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION
						13AZJD503				
CONTROL/160'-74'	J119 STWY	N/A	D80-08(6) D80-12(6)	ACCESS/EGRESS TO REMOTE SHUTDOWN PANELS	SEC 2.0	13ZJL003 13AZYD501 41A0-1ZZ27	N/A			
CONTROL/140'	J303	17	D81-09(1)	GENERAL ILLUMINATION	N/A	13EZJL004 41A0-1ZZ27 13AZJD503	N/A	ACCESS/EGRESS UPON AC POWER (DIESEL) RESTORATION		
CONTROL/140'	J304	16	D84-04a(11) D81-04b(10)	GENERAL ILLUMINATION	N/A	13EZJL004 41A0-1ZZ27 13AZJD503	N/A			
CONTROL/140'	J305	17	D84-06(4) D81-09(3)	GENERAL ILLUMINATION	N/A	13EZJL004 41A0-1ZZ27 13AZJD503	N/A	ACCESS/EGRESS UPON AC POWER (DIESEL) RESTORATION		
CONTROL/140'	J318 J325	17	D81-07A(2) D84-09B(2) UNIT 1	GENERAL ILLUMINATION	N/A	13EZJL004 41A0-1ZZ27 13AZJD503	N/A			
			D81-07(2) D81-09(2) UNITS 2 & 3	GENERAL ILLUMINATION	N/A					
CONTROL/140'	J307	17	D84-05b(1) D81-07a(1)	GENERAL ILLUMINATION	N/A	13EZJL004 41A0-1ZZ27 13AZJD503	N/A			
CONTROL/140'	J303	17	D81-07a D84-05b	GENERAL ILLUMINATION	N/A	13EZJL004 41A0-1ZZ27 13AZJD503	N/A			
CONTROL/160'	J402	20	D80-11(6)	GENERAL ILLUMINATION	N/A	13EZJL005 13AZJD502 43A0-1ZZ27	D08A-10 D08A-12 D08A-02 D08A-08			

BUILDING/ELEV	ROOM #	FIRE ZONE	ESSENTIAL LIGHTING FIXTURES	ESSENTIAL LIGHTING OPERABILITY REQUIREMENTS	PROCEDURE 62A0-2ZZ27 STEP	REFERENCES	NORMAL CIRCUITS	COMMENTS	WALKDOWN COMMENTS	COMMENT RESOLUTION
							D09A-14 D090-12(J401) D08D-12(J405) D09A-14(J404)			
CONTROL/100'	J105	7A	EQ8ND02F	EPKAM41 EPKA021	N/A	13EZPL001 13EZRL002	098-04 098-02	UFSAR TABLE 9.5-5 OPERABILITY REQ		
CONTROL/100'	J112	7B	EQ8ND01F	EPKEM42	N/A	13EZPL001 13EZRL002	083-04 083-02	UFSAR TABLE 9.5-5 OPERABILITY REQ		