

EDG 1A/1B LOAD LIST

Table with columns: DESCRIPTION, EQUIPMENT NUMBER, BUS (NOTE 2), LOAD (NAMEPLATE RATING, EQUIVALENT KW), TIME TO START (SECONDS NOTE 8), UNIT 1 LOOP/LOCA (LOAD KW), TIME TO START (SECONDS NOTE 8), UNIT 1 LOOP (LOAD KW), NOTES. Includes equipment like HIGH PRESSURE SAFETY INJECTION PUMP, MOTOR OPERATED VALVES, EMERGENCY LIGHTING, etc.

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NOTES:

- 1. THE KW LOADS NOTED REFLECT EITHER NAMEPLATE DATA OR CALCULATED DATA - REFER TO CALCULATION PSL-1-F-J-E-90-013 FOR THIS INFORMATION.
2. PER CALCULATION NO PSL-1-F-J-E-90-013 PARA 5.1 THE 1A EDG HAS THE HIGHEST KW LOADING AND THEREFORE THE 1A DATA ENVELOPES BOTH EDG 1A & 1B.
3. REVISIONS TO THIS DRAWING MUST BE DONE CONCURRENTLY WITH REVISIONS TO ELECTRICAL CALCULATION NO PSL-1-F-J-E-90-013 AND MECHANICAL CALCULATION NO PSL-1-FJM-90-024.
4. DENOTES EITHER A REDUCTION OR ELIMINATION OF A LOAD- REFER TO CALCULATION PSL-1-F-J-E-90-013.
5. PER CALCULATION NO PSL-1-F-J-E-90-013 THE LOADING IS REDUCED AFTER 4 HOURS FOR LOOP/LOCA AND 27 HOURS FOR LOOP. MAXIMUM LOAD USED FOR CONSERVATISM.
6. REFLECTS AN INCREASE IN LOAD DUE TO PUMP RUNOUT (REFER TO CALCULATION PSL-1-F-J-E-90-013).
7. PER CALCULATION NO PSL-1-F-J-E-90-013 THE RUNNING KW MAY INCREASE TO 439.5 AT 80 MINUTES.

REFERENCES:

- 1. CALCULATION PSL-1-F-J-E-90-013 REV 3, ST LUCIE UNIT 1 EMERGENCY DIESEL GENERATOR 1A & 1B ELECTRICAL LOADS

GENERAL NOTES:

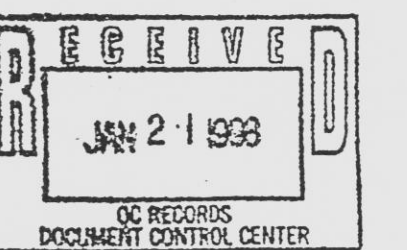
- 1. N/A - NOT APPLICABLE
2. EDG RATING (REF FSAR TABLE B.3-3) KW
BASE CONTINUOUS @93F 3500 KW
2000 HR/YEAR 3730 KW
7 DAY YEAR 3790 KW
4 HR/YEAR 3860 KW
1/2 HR/YEAR 3960 KW

TOTALS - MAXIMUM VALUES FROM CALCULATION PSL-1-F-J-E-90-013 (NOTE 11) DESIGN MARGIN (BASED ON CONTINUOUS RATING)

Table with columns: UNIT 1A/1B LOOP/LOCA, UNIT 1A/1B LOOP. Rows showing load values for different time intervals (0-60 SEC, 60 SEC-80 MIN, 80 MIN-4 HRS).

NOTE: THIS REFLECTS AS-BUILT CONDITION PER PCM 97009

THE DESIGN INFORMATION FOR THE CHANGES SHOWN IN THIS REVISION HAS BEEN ENGINEERED BY FLORIDA POWER & LIGHT COMPANY.



NUCLEAR SAFETY RELATED

THE ORIGINAL DRAWING AND SUBSEQUENT REVISIONS THEREOF, WITH APPROVAL NAMES, INITIALS AND WITH THE PE SEAL, IF APPLICABLE ARE MAINTAINED IN THE FILES OF EBASCO SERVICES INCORPORATED.

FLORIDA POWER & LIGHT COMPANY ST LUCIE UNIT NO 1

EMERGENCY DIESEL GENERATOR 1A/1B LOAD LIST

EBASCO SERVICES INCORPORATED

SCALE: NONE APPROVED DATE: 12/1/92 DR: H.M. CHIN E.J. AUSTIN 8770-C-453 CH: D.E. ROXAS R.M. UJ

Table for REVISIONS with columns: NO, DATE, DESCRIPTION, HJF, BY, CH, APPROVED.

ATTENTION: ANY REVISION TO THIS DWG MUST BE MADE IN ACCORDANCE WITH THE REVISIONS AND DESIGN DRAFTING