

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8405250017 DOC DATE: 84/05/23 NOTARIZED: NO DOCKET #
 FACIL: 50-361 San Onofre Nuclear Station, Unit 2, Southern California 05000361
 50-362 San Onofre Nuclear Station, Unit 3, Southern California 05000362
 AUTH NAME: AUTHOR AFFILIATION
 MEDFORD, M.O. Southern California Edison Co.
 RECIP NAME: RECIPIENT AFFILIATION
 KNIGHTON, G.W. Licensing Branch 3

SUBJECT: Application for amend to Licenses NPF-15, revising Section 3/4.8.1.2 to include only limiting conditions verifying operability of ac sources under shutdown & refueling conditions. Class III & I amend fees encl.

DISTRIBUTION CODE: A0013 COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 6+15
 TITLE: OR Submittal: General Distribution

NOTES: J Hanchett 1cy PDR Documents. ELD Chandler 1cy. 05000361
 J Hanchett 1cy PDR Documents. ELD Chandler 1cy. 05000362

RECIPIENT ID CODE/NAME	COPIES LTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTR ENCL
NRR LB3 BC 01	7 7		

INTERNAL: ELD/HDS2	1 0	NRR/DE/MTEB	1 1
NRR/DL DIR	1 1	NRR/DL/ORAB	1 0
NRR/DSI/METB	1 1	NRR/DSI/RAB	1 1
REG FILE 04	1 1	RGNS	1 1

EXTERNAL: ACRS 09	6 6	LPDR 03	1 1
NRC PDR 02	1 1	NSIC 05	1 1
NTIS	1 1		

NOTES: 2 2
 Rec'd w/ check \$4,400

1142

Southern California Edison Company



P. O. BOX 800
2244 WALNUT GROVE AVENUE
ROSEMEAD, CALIFORNIA 91770

M.O. MEDFORD
MANAGER, NUCLEAR LICENSING

May 23, 1984

TELEPHONE
(213) 572-1749

Director, Office of Nuclear Reactor Regulation
Attention: Mr. George W. Knighton, Branch Chief
Licensing Branch No. 3
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Gentlemen:

Subject: Docket Nos. 50-361 and 50-362
San Onofre Nuclear Generating Station
Units 2 and 3

Enclosed for your review and approval is a proposed change to Technical Specification 3/4.8.1.2 "AC Sources, Shutdown" of the San Onofre Nuclear Generating Station Units 2 and 3 Operating Licenses NPF-10 and NPF-15, respectively. The purpose of the proposed change is to revise Section 3/4.8.1.2, to include only those Limiting Conditions for Operation and Surveillance Requirements which verify operability of the required AC Sources under Shutdown and Refueling conditions (Modes 5 and 6). The following requirements have been revised/deleted.

1. The Emergency Diesel Generator (EDG) fuel storage requirement has been reduced based on EDG operation at the maximum anticipated load for a 7 day period, consistent with ANSI N195-1976 and Regulatory Guide 1.137.
2. Automatic EDG start on an Engineered Safety Feature (ESF) signal, loss of offsite power in conjunction with an ESF signal or from a test mode is not required in Modes 5 and 6, therefore the associated Surveillance Requirements have been deleted.
3. Automatic load sequencing onto the EDG is similarly not required in Modes 5 and 6, therefore the associated Surveillance Requirements have been deleted.
4. The permanently connected shutdown loads are the only automatically connected loads in Modes 5 and 6, therefore Surveillance Requirements which verify the maximum automatically connected load have been deleted.

8405250017 840523
PDR ADDCK 05000361
PDR

Acc'd
1/1

Rec'd/w/enc 74,400

Mr. George W. Knighton

-2-

May 23, 1984

In accordance with 10 CFR 170.22, this proposed change has been determined to constitute a Class III amendment for Unit 2 and a Class I amendment for Unit 3; a check for \$4,400.00 corresponding to this determination is enclosed. Formal requests for amendments to Operating Licenses NPF-10 and NPF-15 will be submitted by August 1, 1984.

If you have any questions concerning the enclosed information, please call me.

Very truly yours,

M. E. Medford

cc: Harry Rood, NRC (to be opened by addressee only)
Joseph O. Ward, California Department of Health Services
A. E. Chaffee, NRC Resident Inspector

DESCRIPTION OF PROPOSED CHANGES NPF-10-137 AND NPF-15-137
AND SAFETY ANALYSIS

This is a request to change Section 3/4.8.1.2 "AC Sources, Shutdown" of the Technical Specifications for San Onofre Nuclear Generating Station, Units 2 and 3.

Description

The Surveillance Requirements governing emergency diesel generator (EDG) operability in MODES 5 and 6 (Section 4.8.1.2) currently prescribe all those surveillances required in MODES 1 through 4 (by Specification 4.8.1.1) with one exception (Section 4.8.1.1.2.a.5). Sections 3/4.8.1.2 and B 3/4.8 have been revised to include only those Limiting Conditions for Operation and Surveillance Requirements which verify operability of the AC Sources required under SHUTDOWN and REFUELING conditions (Modes 5 and 6) as applicable.

The largest anticipated load, in MODES 5 and 6 (considering all loads required to mitigate the consequences of the range of postulated accidents and all loads which facilitate plant operation and maintenance), has been calculated to be less than 80% of the EDG full rated capacity. Section 3.8.1.2.b.2 has been revised to specify a fuel storage capacity (37,600 gal.) consistent with the above calculated load requirement, ANSI N195-1976 and Regulatory Guide 1.137.

Automatic start of the EDG on an ESF signal, on loss of offsite power in conjunction with an ESF signal or from a test mode is not required in MODES 5 and 6. Therefore, Sections 4.8.1.1.2.d.5, d.6 and d.10 have been deleted. Automatic load sequencing on an ESF signal is also not required in MODES 5 and 6 therefore Section 4.8.1.1.2.d.12 has been deleted. No loads except the permanently connected shutdown loads are automatically connected to the EDG in MODES 5 and 6, therefore Section 4.8.1.1.2.d.8, which specifies the maximum auto-connected loads applicable in Modes 1 through 4, has been deleted. The exception to Section 4.1.1.2.a.5, as originally specified, has been retained.

It should be noted that the section numbers of the Surveillance Requirements deleted above are consistent with, and assume NRC acceptance of, the revisions submitted in NPF-10-91 and NPF-15-91.

Existing Specifications

Unit 2: See Attachment A

Unit 3: See Attachment B

Proposed Specifications

Unit 2: See Attachment C

Unit 3: See Attachment D

Safety Analysis

The proposed change discussed above shall be deemed to involve a significant hazards consideration if there is a positive finding in any one of the following areas:

1. Will operation of the facility in accordance with this proposed change involve a significant increase in the probability or consequences of an accident previously evaluated?

Response: No

As described above, the proposed change prescribes Surveillance Requirements and Limiting Conditions for Operation which are consistent with the EDG support function required in MODES 5 and 6.

The required fuel storage capacity has been determined based on the largest anticipated EDG load in MODES 5 and 6 in accordance with Regulatory Guide 1.9. Surveillance Requirements which do not apply to the range of design basis events of MODES 5 and 6 have been deleted. The reliability of the EDG in performing its function in MODES 5 and 6 remains unaffected by this change. Therefore, the probability or consequences of an accident remain bounded by existing analyses.

2. Will operation of the facility in accordance with this proposed change create the possibility of a new or different kind of accident from any accident previously evaluated?

Response: No

The proposed change does not alter the system configuration, operation or support function in the applicable modes. The proposed change verifies operability of the EDG by specifying Limiting Conditions for Operation and Surveillance Requirements consistent with the maximum required load in Modes 5 and 6. Therefore, the proposed change does not create the possibility of a new or different kind of accident from any previously evaluated.

3. Will operation of the facility in accordance with the proposed change involve a significant reduction in a margin of safety?

Response: No

The proposed change does not diminish EDG reliability or operability with respect to its required support function in MODES 5 and 6. Therefore, the proposed change does not involve a significant reduction in a margin of safety.

The proposed Technical Specification changes are representative of 48 FR 14870 Section 50.91, example (vi) dated April 6, 1983, Subject: Amendments That Are Considered Not Likely to Involve a Significant Hazards Consideration, in that the results of the proposed change are clearly within all acceptable criteria.

Safety and Significant Hazards Determination

Based on the Safety Analysis, it is concluded that: (1) the proposed change does not involve a significant hazards consideration as defined by 10 CFR 50.92; and (2) there is reasonable assurance that the health and safety of the public will not be endangered by the proposed change; and (3) this action will not result in a condition which significantly alters the impact of the station on the environment as described in the NRC Final Environmental Statement.

SB:0787F

ATTACHMENT A