



*Southern California Edison Company*

23 PARKER STREET  
IRVINE, CALIFORNIA 92718

WALTER C. MARSH  
MANAGER OF NUCLEAR REGULATORY AFFAIRS

August 27, 1993

TELEPHONE  
(714) 454-4403

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D. C. 20555

Gentlemen:

Subject: Docket Nos. 50-206, 50-361 and 50-362  
Emergency Plan Revision 5.5  
San Onofre Nuclear Generating Station

In accordance with the provisions of 10 CFR 50.54(q), this letter transmits Revision 5.5 of the San Onofre Nuclear Generating Station Emergency Plan.

This change implements a revision to the classification criteria for steam generator tube leakage events. Recent industry events along with discussions with members of the NRC indicate that a Site Area Emergency classification for uncomplicated steam generator tube leakage is inappropriate in light of the significant response required by offsite agencies. Consistent with the guidance contained in NUREG 0654, steam generator tube leakage that is greater than normal RCS makeup capacity will be classified as an Alert. Steam generator tube leakage greater than normal RCS makeup capacity coincident with a loss of offsite power will be classified as a Site Area Emergency.

The attachments provide additional information on these changes. These changes became effective on August 13, 1993.

Revision 5.5 does not decrease the effectiveness of the Emergency Plan.

Sincerely,

Attachments:

1. Description of Changes to SONGS Emergency Plan
2. Emergency Plan Revision 5.5 - annotated Emergency Plan pages
3. Emergency Plan Revision 5.5 - effective pages
4. Memorandum for File, July 28, 1993

cc: B. H. Faulkenberry, Regional Administrator, NRC Region V  
(w/two copies of attachments)  
M. B. Fields, NRC Project Manager, San Onofre Units 2 and 3  
(w/attachments)  
S. W. Brown, NRC Project Manager, San Onofre Unit 1  
C. W. Caldwell, NRC Senior Resident Inspector, San Onofre Units 1, 2&3  
R. F. Dudley, Section Chief, Non-Power, Decommissioning, and  
Environmental Project, Directorate of Reactor Projects - 3, 4, and 5

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# **ATTACHMENT 1**

## **DESCRIPTION OF CHANGES TO SONGS EMERGENCY PLAN**

ATTACHMENT 1

DESCRIPTION OF CHANGES TO SONGS EMERGENCY PLAN

<u>PAGE</u>	<u>DESCRIPTION OF CHANGE</u>
vi	A new List of Effective Pages has been compiled to reflect Revision 5.5 of the Emergency Plan.
4-4	<p>The sixth condition that qualifies as an Alert was revised from "Reactor Coolant System leakage greater than 50 gpm, but less than the maximum available makeup capacity" to "Reactor Coolant System leakage (except Steam Generator tube leakage) greater than 50 gpm, but less than the maximum available makeup capacity", to exclude steam generator tube leakage from this condition.</p> <p>Condition seven has been added, which states "Steam Generator tube leakage greater than available makeup capacity."</p> <p>The other conditions under the Alert level were renumbered accordingly.</p>
4-5	<p>The fourth condition that qualifies as a Site Area Emergency was revised from "A Reactor Coolant System leak that exceeds the capacity of the makeup systems" to "A Reactor Coolant System leak (except Steam Generator tube leakage) that exceeds the capacity of the makeup systems" to exclude steam generator tube leakage from this condition.</p> <p>Condition five has been added, which states "Steam Generator tube leakage that exceeds the capacity of the makeup systems, coincident with loss of offsite power."</p> <p>The other conditions under the Site Area Emergency level were renumbered accordingly.</p>
4-6	The additions described above required repagination of pages 4-5 and 4-6.

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