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 50-362 San Onofre Nuclear Station, Unit 3, Southern Californ 05000362

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SUBJECT: Forwards Amend Applications 98 & 83 to Licenses NPF-10 & NPF-15, respectively, consisting of Proposed Change 343, revising updated FSAR, Section 9.1.3 for shutdown cooling sys to provide primary cooling of spent fuel pool.

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HAROLD B. RAY
SENIOR VICE PRESIDENT

April 8, 1991

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

Gentlemen:

Subject: Docket Nos. 50-361 and 50-362
Amendment Application Nos. 98 and 83
Use of the Shutdown Cooling System to Provide Primary
Cooling to the Spent Fuel Pool
San Onofre Nuclear Generating Station
Units 2 and 3

Reference: July 30, 1990, Letter from F. R. Nandy (SCE) to the
NRC, Subject: Component Cooling Water System

Enclosed are Amendment Application Nos. 98 and 83 to Facility
Operating Licenses NPF-10 and NPF-15, respectively, for the San
Onofre Nuclear Generating Station, Units 2 and 3. These
Amendment Applications consist of Proposed Change Number 343
(PCN-343), which is a request to revise the Updated Final Safety
Analysis Report (UFSAR) Section 9.1.3 for the shutdown cooling
system to provide primary cooling of the spent fuel pool.

Southern California Edison (SCE) is requesting NRC approval to
use the shutdown cooling system as a primary cooling system for
the spent fuel pool. Currently we may use the shutdown cooling
system to cool the spent fuel pool if the shutdown cooling system
is available and the normal spent fuel pool cooling system fails
(i.e. as a backup system).

We propose to use the shutdown cooling system for primary cooling
of the spent fuel pool so that components common to both trains
of normal spent fuel pool cooling can be taken out of service and
isolated for planned maintenance. Plant equipment which must be
maintained includes cross train isolation valves of the component
cooling water system. (Some equipment, such as the spent fuel
pool pump suction valves, can not be isolated for maintenance
unless cooling flow through the suction line is secured. The
suction line is common to both the normal spent fuel pool cooling
system and the shutdown cooling system when cooling the spent
fuel pool. If maintenance is needed on the components which can

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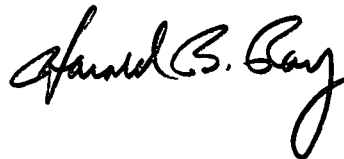
not be isolated, SCE will request NRC approval of our plans for providing spent fuel pool cooling at that time.) The shutdown cooling system will not be used as the primary means of cooling the spent fuel pool when Technical Specifications require the shutdown cooling system to be operable for core cooling.

Our next refueling outage is scheduled to begin on August 3, 1991 and will extend through October, 1991. At the beginning of this outage we will be performing leak tests on the component cooling water cross train isolation valves. If the leakage criteria should be exceeded, this amendment would be required by August 20, 1991 to perform maintenance on these valves within the outage schedule.

Therefore, we request your approval of this amendment to support its potential use during the Unit 2 Cycle 6 refueling outage.

If you need additional information on this UFSAR change request, please let me know.

Very truly yours,



Enclosure

cc: J. B. Martin, Regional Administrator, NRC Region V
C. Caldwell, NRC Senior Resident Inspector, San Onofre Units
1, 2 and 3