



Harold B. Ray
Executive Vice President

March 29, 2004

Mr. Thomas P. Evans
Public Utilities Director
Riverside Public Utilities Department
3900 Main Street
Riverside, CA 92522

Mr. Stephen Sciortino
Power Resources Manager
Anaheim Public Utilities Department
201 S. Anaheim Blvd., Suite 802
Anaheim, CA 92805

Mr. James Avery
Senior Vice President - Fuel & Power Operations
San Diego Gas & Electric Company
P. O. Box 1831
San Diego, CA 92112-4150

SUBJECT: San Onofre Nuclear Generating Station (SONGS) Units 2 and 3
Plant Output Reductions due to Steam Generator Degradation

Dear BOR Members:

I am writing in response to questions on plant output raised at the January 23, 2004 BOR meeting regarding whether reduction in plant output due to steam generator degradation is anticipated to result in plant output capability less than Maximum Dependable Capacity (MDC). SCE has concluded that SONGS 2 and 3 would be able to meet the defined MDC criteria prior to the steam generators becoming inoperable due to extent of plugging.

The SONGS Operating Agreement in Sections 4.54 and 4.55 establishes the MDC (Net) of SONGS 2 and 3 as 1,070 MW and 1,080 MW, respectively. The Operating Agreement defines MDC in Section 4.14 as the net output from the plants "during the most restrictive seasonal conditions (usually summer)."

An allowance for steam generator degradation was planned in the original design of the plants, which is reflected in being able to plug approximately 8% of the tubes without affecting plant output. SCE projects steam generator degradation and resulting plant output capability utilizing probabilistic methods. At various times you have been provided with the results of these projections. We cannot predict with certainty what plant output will be in the future.

When an O/I exists.

However, including consideration of minor changes that could be made to plant operations, SCE projects that it would be able to operate SONGS 2 and 3 in accordance with the defined MDC criteria during the period prior to steam generator inoperability due to extent of plugging.

Very truly yours


Harold B. Ray

*admission of OI
also relink. issue
definer OI.*

cc: L. Lorenz/SDG&E
C. Byrom/City of Anaheim
G. Nolff/City of Riverside

Revised TCF w/ + CC.