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 AUTH. NAME AUTHOR AFFILIATION
 BASKIN, K.P. Southern California Edison Co.
 RECIP. NAME RECIPIENT AFFILIATION
 BAER, R. Light Water Reactors Branch 2

SUBJECT: Forwards 2 repts re demobilizing dewatering well 6, on deep exploration drilling program to determine if cavities exist below known cavity & on exploration/grouting program to determine size & shape of cavity... w/ reports - 7902220133 & 7902220134.
(see reports)

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Southern California Edison Company

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

February 16, 1979

Director, Office of Nuclear Reactor Regulation
Attention: Mr. Robert Baer, Chief
LWR Branch 2, DPM
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

As part of Southern California Edison's commitment to keep the NRC staff informed of work performed in demobilizing the dewatering well system, fifty (50) copies of two (2) reports on work performed on dewatering well No. 6 are provided for your use. These two reports document the final disposition of dewatering well No. 6.

The first report, "Report on Deep Exploration Drilling Program, Dewatering Well No. 6", describes the program to determine if cavities exist at depths greater than the known cavity. The program, similar to that used in demobilizing dewatering well No. 8, consisted of drilling nineteen (19) holes to a depth greater than the original well bore. The program's effectiveness was based on tight control of spacing and alignment of the holes, use of standard penetration tests, and careful observation and logging of drilling parameters. The program demonstrated that the known cavity extended to a depth of 140 feet next to the well bore and that no cavities or zones or erosion exist below that depth.

The second report, "Report on Exploration/Grouting Program, Dewatering Well No. 6", describes the shallow drilling exploration program and grouting program at dewatering well No. 6. The program consisted of drilling and pressure grouting a network of seventy-four (74) exploration holes. The drilling program defined the size and shape of the cavity, and, through use of standard penetration tests and monitoring of drilling parameters, the nature of the material in the cavity. The pressure grouting program assured

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Mr. Robert Baer, Chief

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that any voids in the cavity are filled. The program also included a series of nine (9) angle holes near the Auxiliary Building. The holes established the cavity does not extend under any structure.

If you have any questions on the presented information, please contact me.

Sincerely yours,

KP Bushin

Enclosure

cc: R. H. Engelken (NRC, Director I&E - Region V)