



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

DOCKET NOS. 50-361/50-362

APPLICANTS: SOUTHERN CALIFORNIA EDISON COMPANY (SCE)
SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)

FACILITY: SAN ONOFRE UNITS 2 AND 3

SUBJECT: SUMMARY OF MEETING TO DISCUSS DEWATERING WELL CAVITIES

Enclosed is a summary of a meeting held on December 1, 1978 to discuss the above subject.

H. Rood

H. Rood
Light Water Reactors
Branch No. 2
Division of Project Management

Enclosure:
As Stated

ccs w/enclosure;
See next pages

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

DEC 19 1978

MEMORANDUM FOR: J. Carl Stepp, Chief
Geosciences Branch, DSE

THRU: L. W. Heller, Leader *LWH*
Geotechnical Engineering Section
Geosciences Branch, DSE

FROM: John T. Greeves, Geotechnical Engineer
Geotechnical Engineering Section
Geosciences Branch, DSE

SUBJECT: SUMMARY OF MEETING TO DISCUSS DEWATERING
WELL CAVITIES - SAN ONOFRE NUCLEAR
STATION, DOCKET NOS. 50-361/362

On Friday December 1, 1978, I met with representatives of Southern California Edison (SCE), their consultant Woodward-Clyde and Bechtel Power Corporation to discuss the status of the dewatering well cavities. The meeting was held in Bechtel's San Francisco office and a list of attendees is enclosed.

In summary, Wells 1, 2, 3A, and 9 have been filled with concrete and no evidence of cavities was encountered. Demobilization work at Well 8 is complete and has been described in the August, 1978 report on Well 8. Recent investigative work on Wells 3, 4, 5, 6 and 7 was reviewed during the meeting.

Most of the discussion centered around the cross hole seismic survey procedure for cavity detection. This technique has been used at Well 3 and the data from the cross hole seismic survey has been used to evaluate this procedure for cavity detection. The analysis of the data indicates that the wave form and the arrival of the P-wave can be used to detect cavities. In addition to Well 3, Wells 4, 5 and 10 will be investigated with this technique.

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Preliminary profiles and contour maps of the Well 6 investigation were presented and discussed. Documentation of the exploration grouting program at Well 6 is in preparation and will be submitted in January. Buried utility ducts near Well 7 have caused problems with drilling exploration holes. A shallow excavation was made to expose the utilities and avoid this problem. The exploration grouting program for Well 7 should be completed by the end of December.

John T. Greeves
John T. Greeves, Geotechnical Engineer
Geotechnical Engineering Section
Geosciences Branch
Division of Site Safety and
Environmental Analysis

Enclosure:
As stated

cc: w/enclosure
R. Denise
D. Vassallo
K. Kniel
L. Hulman
W. Bivins
L. Heller
H. Rood
R. Jackson
A. Cardone
L. Knupple, C/E
PDR
Local PDR
ACRS (18)
J. Knight

Meeting
December 1, 1978

SONGS 2 & 3 Dewatering Well Investigation

Attendees	Organization
D. B. Schone	SCE
J. K. Yann	SCE
L. G. Hersh	BPC
J. A. Barneich	WCC
R. D. Hinkle	SCE
H. S. Smith	SCE
J. Gallerani	BPC
R. L. Blodnikar	BPC
A. B. Arnold	BPC
W. Ferris	BPC
J. T. Greeves	NRC

Meeting Summary

Docket File
NRC PDR
Local PDR
TIC
NRR Reading
LWR #2 File
E. Case
D. Bunch
R. S. Boyd
D. F. Ross
D. B. Vassallo
D. Skovholt
W. Gammill
J. Stolz
R. Baer
O. Parr
S. Varga
C. Heltemes
W. Haass
R. Houston
L. Crocker
D. Crutchfield
F. J. Williams
R. J. Mattson
R. DeYoung
Project Manager - H. Rood
Attorney, ELD
J. Lee
IE(3)
ACRS(16)
R. Denise
L. Rubenstein

J. Knight
S. Hanauer
R. Tedesco
R. Bosnak
S. Pawlicki
F. Schauer
K. Kniel
T. Novak
Z. Rosztoczy
W. Butler
V. Benaroya
R. Satterfield
V. Moore
M. Ernst
F. Rosa
R. Denise
EP Branch Chief
G. Chipman
J. Collins
W. Kreger
G. Lear
B. Youngblood
L. Hulman
NRC Participants:



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555

January 4, 1979

Docket No. 50-361 and 50-362

Docketing and Service Section
Office of the Secretary of the Commission

SUBJECT: ~~SOUTHERN CALIFORNIA EDISON COMPANY AND SAN DIEGO GAS AND ELECTRIC COMPANY - SAN ONOFRE NUCLEAR GENERATING STATION, UNITS 2 AND 3~~

Two signed originals of the Federal Register Notice identified below are enclosed for your transmittal to the Office of the Federal Register for publication. Additional conformed copies (12) of the Notice are enclosed for your use.

- Notice of Receipt of Application for Construction Permit(s) and Operating License(s).
- Notice of Receipt of Partial Application for Construction Permit(s) and Facility License(s): Time for Submission of Views on Antitrust Matters.
- Notice of Availability of Applicant's Environmental Report.
- Notice of Proposed Issuance of Amendment to Facility Operating License.
- Notice of Receipt of Application for Facility License(s); Notice of Availability of Applicant's Environmental Report; and Notice of Consideration of Issuance of Facility License(s) and Notice of Opportunity for Hearing.
- Notice of Availability of NRC Draft/Final Environmental Statement.
- Notice of Limited Work Authorization.
- Notice of Availability of Safety Evaluation Report.
- Notice of Issuance of Construction Permit(s).
- Notice of Issuance of Facility Operating License(s) or Amendment(s).
- Other: (1) Order Extending Construction Completion Dates
(2) Negative Declaration Supporting Extension of Construction Permit Nos. CFP-97 and 98 Expiration Dates

Enclosure:
As Stated

Office of Nuclear Reactor Regulation

LWR 2

JLee

1/4/79

MEMO-2
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SOUTHERN CALIFORNIA EDISON COMPANY AND
SAN DIEGO GAS AND ELECTRIC COMPANY
SAN ONOFRE NUCLEAR GENERATING STATION, UNITS 2 AND 3
DOCKET NOS. 50-361 AND 50-362
ORDER EXTENDING CONSTRUCTION COMPLETION DATES

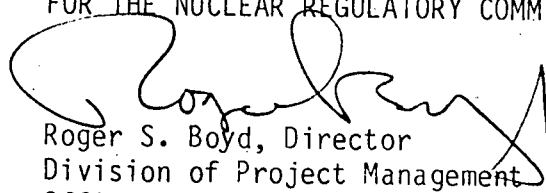
Southern California Edison Company and San Diego Gas and Electric Company are the holders of Construction Permit Nos. CPPR-97 and CPPR-98 issued by the Atomic Energy Commission* on October 18, 1973 for the San Onofre Nuclear Generating Station. These facilities are presently under construction at the applicants' site at Camp Pendleton, San Diego County, California. By letter dated March 31, 1978, Southern California Edison Company filed a request for an extension of the latest construction completion dates for the facilities from January 1, 1979 to June 1, 1980 for Unit 2 and from January 1, 1980 to June 1, 1981 for Unit 3. The extension was requested because construction has been delayed due to (1) unanticipated review effort incurred prior to issuance of the Construction Permits; (2) delays in obtaining approval from the California Coastal Zone Conservation Commission for the facilities; (3) delays due to a labor strike and (4) greater than anticipated time required for erection of walls and dome of the containment.

*Effective January 20, 1975, the Atomic Energy Commission became the Nuclear Regulatory Commission and permits in effect on that day continued under the authority of the Nuclear Regulatory Commission.

This action involves no significant hazards consideration, good cause has been shown for the delay, and the requested extension is for a reasonable period, the bases for which are set forth in the staff evaluation dated December 28, 1978. The preparation of an environmental impact statement for this particular action is not warranted because there will be no significant environmental impact attributable to the Order other than that which has already been predicted and described in the Commission's Draft Environmental Statement for the San Onofre Nuclear Generating Station, Units 2 and 3, published in November 1972 and the Final Environmental Statement published in March 1973. A Negative Declaration and an Environmental Impact Appraisal have been prepared and are available, as are the above stated documents, for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. 20555 and at the local public document room established for the San Onofre Nuclear Generating Station, Units 2 and 3 at the Mission Viejo Branch Library, 24851 Chrisanta Drive, Mission Viejo, California 92676.

It is HEREBY ORDERED THAT the latest completion date for CPPR-97 be extended from January 1, 1979 to June 1, 1980 and the latest date for CPPR-98 be extended from January 1, 1980 to June 1, 1981.

FOR THE NUCLEAR REGULATORY COMMISSION



Roger S. Boyd, Director
Division of Project Management
Office of Nuclear Reactor Regulation

Date of Issuance: December 28, 1978

NEGATIVE DECLARATIONSUPPORTING: EXTENSION OF CONSTRUCTIONPERMIT NOS. CPPR-97 AND 98 EXPIRATION DATES FORSOUTHERN CALIFORNIA EDISON COMPANY ANDSAN DIEGO GAS AND ELECTRIC COMPANYSAN ONOFRE NUCLEAR GENERATING STATION, UNIT NOS. 2 & 3DOCKET NOS. 50-361 AND 50-362

The U. S. Nuclear Regulatory Commission (the Commission) has reviewed the Southern California Edison Company and San Diego Gas and Electric Company (permittees) request to extend the expiration date of the construction permit for the San Onofre Nuclear Generating Station, Unit Nos. 2 and 3 (CPPR-97 and CPPR-98) which are located in San Diego County in the State of California. The permittees requested an eighteen month extension to the permits through June 1, 1980 for CPPR-97 and through June 1, 1981 for CPPR-98, to allow for completion of construction of the facilities.

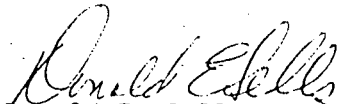
The Commission's Division of Site Safety and Environmental Analysis has prepared an environmental impact appraisal relative to these changes to CPPR-97 and CPPR-98. Based on this appraisal, the Commission has concluded that an environmental impact statement for this particular action is not warranted because there will be no significant environmental impact attributable to the proposed action other than that which has already been described in the Commission's Final Environmental Statement-Construction Permit stage or evaluated in the environmental impact appraisal.

The environmental impact appraisal is available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W.,

Washington, D. C., and at the Mission Viejo Branch Library, 24851 Chrisanta Drive, Mission Viejo, California.

Dated at Bethesda, Maryland, this 28th day of December 1978.

FOR THE NUCLEAR REGULATORY COMMISSION


Donald E. Sells, Acting Chief
Environmental Projects Branch 2
Division of Site Safety and
Environmental Analysis