

ATTACHMENT TO LER 83-078
SOUTHERN CALIFORNIA EDISON COMPANY
SAN ONOFRE NUCLEAR GENERATING STATION
UNIT NO. 2, DOCKET NO. 50-361

SUPPLEMENTAL INFORMATION FOR EVENT DESCRIPTION AND PROBABLE CONSEQUENCES:

At 2240 the level was returned to within specified limits and the Action Statement was satisfied. The health and safety of plant personnel and the public were not affected by this incident.

SUPPLEMENTAL INFORMATION FOR CAUSE DESCRIPTION AND CORRECTIVE ACTIONS:

In LER 83-002 we stated that an automatic tank level control system to prevent depletion of the water level of the condensate storage tanks below the Technical Specification required limit, was expected to be implemented in April 1983. This system was installed and has been made operational, and was noted as such, in NRC Inspection Report 50-361/83-24.

Even though the level control system operated as designed, it was not adequate for the water demands placed on 2T-121 in this event. In this case, the extent to which water demand exceeds automatic makeup was increased due to make-up being aligned to both CST's 2T-121 and 2T-120, thereby reducing the effective make-up water rate to 2T-121.

The main cause of this and other similar events associated with the lowering of water level in CST 2T-121 is due to the difficulty of controlling the make-up to 2T-121 in such a fashion as to maintain the contained water volume within the tight tolerance represented by the overflow level and the Technical Specification limit for minimum level.

To prevent recurrence of this event the following actions will be taken:

- (a) This event will be reviewed with all operations personnel with the objective that, during periods of high water demand from 2T-121, the make-up should be aligned to 2T-121 only. Also, the operating instruction will be revised accordingly by September 1, 1983.
- (b) A design review will be performed to determine the limitations of the automatic level control system and any corrective actions identified will be evaluated for implementation and further procedure revision.
- (c) A Technical Specification change making the minimum level requirements dependent upon the decay heat production rate has been initiated. This proposed change is awaiting NSSS supplier input, and will be submitted to the NRC after receipt of the input.

Southern California Edison Company

SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

H. B. RAY

STATION MANAGER

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SCE

REGION V

TELEPHONE
(714) 492-7700

August 12, 1983

U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region V
1450 Maria Lane, Suite 210
Walnut Creek, California 94596-5368

Attention: Mr. J.B. Martin, Regional Administrator

Dear Sir:

Subject: Docket No. 50-361
30-Day Report
Licensee Event Report No. 83-078
San Onofre Nuclear Generating Station, Unit 2

Pursuant to Section 6.9.1.13.b of Appendix A, Technical Specifications to Facility Operating License NPP-10 for San Onofre Unit 2, this submittal provides the required 30-day written report and a copy of the Licensee Event Report (LER) form for an occurrence involving Limiting Condition for Operation (LCO) 3.7.1.3 associated with the Condensate Storage Tank (CST). Enclosed LER 83-078 addresses this event, including corrective actions to prevent recurrence.

If there are any questions regarding the above, please contact me.

Sincerely,

HB Ray / NRC

Enclosure: LER No. 83-078

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IE-22
83-324

August 12, 1983

cc: A.E. Chaffee (USNRC Resident Inspector, Units 2 and 3)
J.P. Stewart (USNRC Resident Inspector, Units 2 and 3)

U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement

U.S. Nuclear Regulatory Commission
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