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 MIRAGLIA, F. Licensing Branch 3

SUBJECT: Forwards info identifying effluent monitoring capability for turbine driven auxiliary feedwater pump exhaust, in response to NRC 820210 request. Monitoring of subj path is also addressed in util NUREG-0737, Item II.F.1 response.

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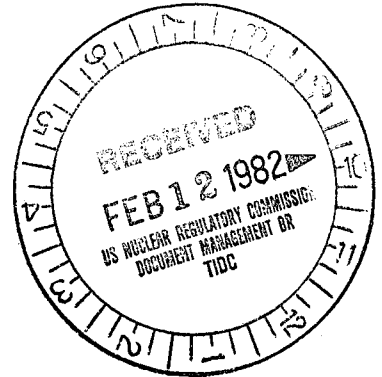
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February 11, 1982

Director, Office of Nuclear Reactor Regulation
Attention: Mr. Frank Miraglia, Branch Chief
Licensing Branch No. 3
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

During a recent conversation with the NRC, Effluent Treatment Systems Branch (ETSB) reviewer (Mr. T. Chandrasekaran) on February 10, 1982, it was requested that SCE identify effluent monitoring capability for the turbine driven auxiliary feedwater pump exhaust.

The enclosure provides formal documentation of information which was previously provided to the NRC ETSB reviewer and satisfies all NRC concerns relative to this issue.

If you have any questions or comments, please let me know.

Very truly yours,

K.P. Baskin

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PDR

ENCLOSURE TO FEBRUARY 11, 1982 LETTER

EFFLUENT MONITORING OF AUXILIARY FEEDWATER PUMP TURBINE EXHAUST

The turbine-driven auxiliary feedwater pump draws steam from the main steam lines, upstream of the main steam isolation valves and exhausts from the tank building roof. This pump is operated once per month (during power operation) for inservice testing and for a few hours each normal plant shutdown. Although the pump would be actuated for emergency feedwater, it would be automatically isolated from a ruptured steam generator. Monitoring of this infrequent effluent path is provided by the main steam line area monitors as described in our NUREG-0737 Item II.F.1 response. As recognized by NUREG-0737 Item II.F.1, direct noble gas, iodine and particulate monitoring of live steam releases is not possible. It is noted that the condenser air ejector monitor may also be used to estimate the noble gas releases through the auxiliary feedwater pump turbine pathway. Iodine and particulate monitoring is not required.