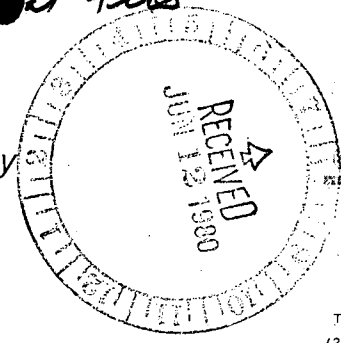


Central File



Southern California Edison Company

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

June 6, 1980

TELEPHONE
(213) 572-1401

K. P. BASKIN
MANAGER, NUCLEAR ENGINEERING
AND LICENSING

U. S. Nuclear Regulatory Commission
Region V
Suite 202, Walnut Creek Plaza
1990 N. California Blvd.
Walnut Creek, California 95696

Subject: IE Bulletin 80-05
Docket Nos. 50-361 and 50-362
San Onofre Nuclear Generating Station
Units 2 and 3

The subject bulletin, "Vacuum Condition Resulting in Damage to Chemical Volume Control System (CVCS) Holdup Tanks" identifies instances of radioactive gas release when tanks buckled due to partial vacuum conditions and requires a review of all systems that contain holdup tanks that can be valved to primary system water to assure adequate measures have been taken to protect against detrimental vacuum conditions.

The attached table identifies those systems containing such tanks, the protection, if any, provided and justification regarding the adequacy of any protection provided. Those tanks not currently protected against vacuum conditions (Backflushable Filter Crud Tank and Spent Resin Tanks), will be provided with adequate vacuum protection prior to fuel load.

Should you have any questions or require further clarification, please contact me.

Very truly yours,

K P Baskin

Enclosure

cc: Director, Office of Inspection
and Enforcement
Washington, D. C. 20555

R. Pate (NRC Site Inspector, S023)

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SYSTEM/TANK REVIEW SUMMARY FOR IE BULLETIN 80-05

<u>SYSTEM</u>	<u>TANK</u>	<u>PROTECTION</u>	<u>JUSTIFICATION REMARKS</u>
1201	Quench Tank (T-001)	Gravity Drain into RCDT Gravity Drain (T-012) (See RCS Drain Tank)	RCDT is vacuum protected. Not possible to pull vacuum on quench tank.
1208	Volume Control Tank	Designed to withstand external pressure of 15 PSIG.	N/A
1218	Concentrated Boric Acid Storage Tank (T-069)	Atmospheric	A 6" vacuum relief breather valve open to the tank room is provided.
1218	Boric Acid Makeup Tanks (T-071) (T-072)	Connected to vent gas collection header.	Tanks can vent or draw from collection header. A 1" vent line to collection header is provided.
1219	Refueling Water Tanks (T-005) (T-006)	Atmospheric	A 24" screened mushroom vent open to atmosphere provided.
1901	Backflushable Filter Crud Tank (T-073)	Negative Pressure Relief Protection needed.	Vacuum protection recommended (implement prior to fuel load - subject to valve availability)
1901	Radwaste Primary Tanks (T-065) (T-066) (T-067) (T-068)	Atmospheric	A 6" butterfly vent damper is provided.
1901	Radwaste Secondary Tanks (T-057) (T-058)	Atmospheric	A 6" butterfly vent damper is provided.

SYSTEM/TANK REVIEW SUMMARY FOR IE BULLETIN 80-05

<u>SYSTEM</u>	<u>TANK</u>	<u>PROTECTION</u>	<u>JUSTIFICATION/REMARKS</u>
1901	Chemical Wastes Tank (T-064)	Atmospheric	A 6" vacuum relief breather valve open to the tank room is provided
1901	Miscellaneous Wastes Tank (T-063)	Atmospheric	A 6" vacuum relief breather valve open to the tank room is provided.
1901	Concentrated Miscel- laneous Wastes Tanks (T-061)(T-062)	Atmospheric	See concentrated boric acid storage tank- (T-069)
1901	Nuclear Condensate Tanks (T-075)(T-076)	Atmospheric	A 6" vacuum relief breather valve open to the tank room is provided.
1901	Spent Resin Tanks (T-059) (T-060)	Negative Pressure Relief Protection needed	See backflushable filter crud tank