



Central File

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20545

November 24, 1982

MEMORANDUM FOR: The Atomic Safety & Licensing Boards for:

- Callaway Plant, Unit 1
- Clinton Power Station, Units 1/2
- Comanche Peak Steam Electric Station, Units 1/2
- Enrico Fermi 2
- Midland Plant, Units 1/2
- Palo Verde Nuclear Generating Station, Units 1/2/3
- Shoreham Nuclear Power Station
- South Texas Project 1/2
- Warrford Steam Electric Station, Unit 3
- William H. Zimmer Nuclear Power Station, Unit 1, and

The Atomic Safety & Licensing Appeal Boards for:

- Offshore Power System, FPS 1-8
- Comanche Peak Steam Electric Station, Units 1/2
- Diablo Canyon Nuclear Power Plant, Units 1/2
- San Onofre Nuclear Generating Station, Units 2/3
- Virgil C. Summer Station, Unit 1
- Susquehanna Steam Electric Station, Units 1/2
- William H. Zimmer Nuclear Power Station, Unit 1

FROM: Thomas M. Royal, Assistant Director
for Licensing
Division of Licensing, ODR

SUBJECT: BOARD NOTIFICATION - ALLEGED DESIGN DEFICIENCY
(Board Notification No. 82-105)

In accordance with present NRC procedures regarding Board Notifications, the enclosed information is being provided for your information as constituting new information relevant and material to safety issues.

An alleged generic design deficiency in ASME Code Class 1 piping has been received by the NRC staff. The concern in this allegation is that the effects of local pipe wall stresses, due to support loads introduced by pipe clamps, are not being evaluated properly.

This concern potentially relates to all plants (SWR and PWR) currently under OL review. It is NRC's experience, as gathered from our own audits on NTOLs and from the Independent Design Review Program, that the effect of support reactions on piping is being considered by system designers. Specific support and piping design criteria are committed to by all applicants; however, the level of the NRC review does not generally address pipe clamp details unless inspection during construction raises questions.

Contact:
Suzanne Black, ODR
X29788

8503010095

FOIA-84-143

C/3

The Atomic Safety & Licensing Board - 2 -
The Atomic Safety & Licensing Appeal Board

The magnitude of the problem discussed in the allegation has not yet been assessed, and, in fact, without more precise information regarding the exact nature of the allegor's concerns, we would not be able to make such an assessment. Office of Investigations personnel will be assisting Region V in the interview of the allegor in the near future.

A complete failure to deal with the pipe support-pipe interface design issue, as implied in the enclosed letter, would be a serious matter if substantiated and could affect prior NRC staff positions taken in Safety Evaluations and other documents on a generic basis. Further information will be provided upon any significant findings by the staff.

Original signed by
Thomas M. Novak

Thomas M. Novak, Assistant Director
for Licensing
Division of Licensing, ONRR

Enclosure:
As stated

cc: Licensee/Boards Service
List

OFFICE	DL:L <i>fb</i>	DL:L <i>T</i>					
SURNAME	SBlack:lb	TNovak					
	11/1/82	11/1/82					