

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by IE staff on this date.

IE-34

FACILITY: Southern California Edison Company  
San Onofre Unit 2  
Docket No. 50-361  
San Clemente, California

Licensee Emergency Classification:  
☐ Notification of Unusual Event  
☐ Alert  
☐ Site Area Emergency  
☐ General Emergency  
☒ Not Applicable

SUBJECT: REACTOR VESSEL INTERNALS INSTALLATION

The licensee reported that in preparation for initial fuel loading of Unit 2, the reactor vessel core support barrel was removed for vessel hydrocleaning and subsequently reinstalled on October 31, 1981. The licensee discovered during review of installation measurement data that the core support barrel had been misoriented 180 degrees compared to the reactor vessel. Originally, in 1977, the reactor vessel was installed 180° out of correct orientation, requiring the internals to be reoriented. A preliminary notification was issued on this item on November 23, 1977. While the vessel internals have been installed and removed several times since 1977, this is the first time the internals were installed using the licensee's Station Maintenance Procedure. This procedure did not provide sufficient detailed information regarding vessel internals orientation, nor were as-built drawings sufficiently clear to preclude the misorientation.

The licensee is evaluating damage, if any, that might have occurred and any potential safety problem if the misorientation would have remained undetected.

Following telephone discussion with Region V management, the licensee has initiated a review of all startup and station procedures which could be affected by misorientation of the vessel and vessel internals. In addition, the licensee will review and revise, as appropriate, the "as-built" drawings to accurately reflect vessel orientation. This licensee action is to be confirmed in a confirmation of action letter. A written report will be submitted by the licensee within 30 days.

The licensee has not made a press release. Region V does not plan to issue a press release at this time. Region V received notification of this matter by telephone from the licensee at 9:00 a.m., November 12, 1981.

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