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November 8, 1984

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

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Attention: Mr. John B. Martin, Regional Administrator

Gentlemen:

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

San Onofre Units 2 and 3 Technical Specification No. 6.9.1.14 requires that "Hazardous cargo traffic on Interstate 5 (I-5) and the AT&SF railway shall be monitored and the results submitted to the NRC Regional Administrator once every three years." Accordingly, in compliance with this Technical Specification No. 6.9.1.14 requirement, background investigations were conducted and a seven-day, 24-hour per day, roadside survey of truck traffic on I-5 has been performed. Representatives of the AT&SF Railroad and the military were contacted to evaluate the railway offsite toxic gas and explosives hazard. From these contacts it was determined that civilian shipments on the AT&SF Railroad have not changed since the previous assessment and that an embargo on shipment of military ordnance by rail has been in effect since 1979. Based on our 1984 survey of truck traffic on I-5, which included interrogation of 21,435 trucks, and using the truck accident rate near the plant, the toxic gas and explosives hazard frequency from transportation on I-5 has been evaluated. The combined conclusion is that the risk to San Onofre from hazardous cargo shipments on I-5 and the AT&SF Railroad has not changed significantly since previously reported to the NRC in the Final Safety Analysis Report, Section 2.2, and remains below the NRC Standard Review Plan Section 2.2.3 (SRP) acceptance criterion of  $10^{-6}$ /year.

In addition to this 1984 evaluation of the frequency of shipment of potentially hazardous cargo and the associated offsite hazard, the future offsite hazard to San Onofre has also been evaluated. The results of this long-term evaluation are that the offsite hazard is expected to remain within the SRP acceptance criterion with greater than 97.5% confidence for the remaining life of the plant.

Enclosed is a report, "Offsite Hazards Evaluation 1984, San Onofre Nuclear Generating Station," dated November 1984, which describes the assumptions, methods and results of (1) the 1984 evaluation of the hazard to San Onofre from shipment of toxic gases and explosives on I-5 and the AT&SF Railroad and (2) the assessment of the long-term changes in offsite hazard probabilities.

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Mr. John B. Martin

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The information provided herein is deemed to comply with the requirement of Technical Specification No. 6.9.1.14 for both San Onofre Units 2 and 3 for submittal of hazardous cargo traffic monitoring results for the three-year period from February 17, 1982, when the San Onofre Unit 2 Low Power Operating License was issued, through February 16, 1985.

If you have any questions concerning the above information, please let me know.

Very truly yours,

*m.e. mcdonald*

Enclosure

cc: U.S. Nuclear Regulatory Commission, Document Control Desk  
H. Rood, NRC San Onofre 2/3 Project Manager (to be opened by  
addressee only)  
F. R. Huey, USNRC Senior Resident Inspector, Units 1, 2 and 3