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10 CFR 72.44(d)(3)

February 11, 2010

Director, Spent Fuel Project Office
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Subject: **Docket Nos. 50-206, 50-361, 50-362, 72-41**
Annual Radioactive Effluent Release Report for
Independent Spent Fuel Storage Installation – 2009
San Onofre Nuclear Generation Station Units 1, 2 and 3

Dear Sir or Madam:

In accordance with 10 CFR 72.44(d)(3) and Certificates of Compliance No. 72-1029, Amendment 0 and 1, Technical Specification Section 5.2.3(c), Southern California Edison (SCE) is providing the Annual Radioactive Effluent Release Report for the Independent Spent Fuel Storage Installation (ISFSI) at San Onofre Nuclear Generating Station (SONGS). The period of the report is January 1, 2009 through December 31, 2009.

The dry shielded canisters are double seal welded and designed to meet the criteria of Interim Staff Guidance-18 and thus prevent effluent releases. In addition, we have completed in-process inspections and tests during the fabrication and sealing of the canisters in compliance with Certificates of Compliance stated above. On that basis, SCE is reporting there were no releases of principal radionuclides in liquid or gaseous effluents from the SONGS' ISFSI to the environment in 2009.

If you require additional information, please contact Mr. Geoffrey M. Cook at (949) 368-9008.

Sincerely,

Albert R. Hochevar
Station Manager

P.O. Box 128
San Clemente, CA 92672

cc: Elmo E. Collins, NRC Regional Administrator, Region IV
J. C. Shepherd, NRC Project Manager, SONGS Unit 1
G. G. Warnick, NRC Senior Resident Inspector, SONGS Units 2 and 3
NRC Project Manager, SONGS ISFSI