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Southern California Edison Company
P.O. Box 351
Los Angeles, California 90053

Attention: Mr. William R. Gould
Vice President

Gentlemen:

In our letter of January 23, 1969, concerning the safeguards inspection of the special nuclear material possessed by Southern California Edison Company pursuant to AEC License No. DPR-13, we said that we would write you again upon completion of the ISOCHECK calculations of the production and depletion of special nuclear material as reflected in your operations.

We have completed the ISOCHECK calculations which were supplemented by manual calculations separate from the ISOCHECK code. It appears that there is a discrepancy between our calculated quantities and the comparable depletion and production calculations as reported by San Onofre. The values reported by San Onofre are tabulated below for comparison with our ISOCHECK and manual calculations.

	Reported by San Onofre	ISOCHECK	Manual Calculations
	(Kilograms)		
Total U depletion	181.2	179.4	173.4
U-235 depletion	146.4	122.6	118.6
Total Pu production	79.7	66.7	68.9

Your representative, Mr. H. E. Walchli, Westinghouse Manager of Fuel Services, indicated that the data are from low burnup fuel and that there may be a slight bias in your calculations. We will review these data with the data from fuel with higher exposure during the next safeguards inspection of your facility.

Sincerely,

Original Signed by
R. P. Wischow

R. P. Wischow, Director
Division of Nuclear Materials

OFFICE	Mr. Hans Ottosen Superintendent	Safeguards		
SURNAME	San Onofre Station	NMS HVWerner:cs	NMS VJD/Amico	NMS RPWischow
DATE		6/6/69	6/6/69	6/6/69