

ENCLOSURE

TABLE 4.1.2

MINIMUM EQUIPMENT CHECK AND SAMPLING FREQUENCY

	Check	Frequency
1a. Reactor Coolant	1. Gross Activity Determination	At least once per 72 hours. Required during Modes 1, 2, 3, 4, 5 and 6.
	2. Isotopic Analysis for DOSE EQUIVALENT I-131 Concentration	1 per 14 days. Required only during Mode 1.
	3. Spectroscopic for \bar{E} (1) Determination	1 per 6 months(2). Required only during Mode 1.
	4. Isotopic Analysis for Iodine Including I-131, I-133, and I-135	a) 1 per 4 hours,(3) whenever the DOSE EQUIVALENT I-131 exceeds 1.0 Ci/gram.
		b) 1 sample between 2 and 6 hours following a THERMAL POWER change exceeding 15 percent of the RATED THERMAL POWER within a one hour period.
5. Boron Concentration	2/week	
1b. Secondary Coolant	1. Gross Activity Determination	At least once per 72 hours. Required only during Modes 1, 2, 3 and 4.
	2. Isotopic Analysis for DOSE EQUIVALENT I-131 concentration	a) 1 per 31 days, whenever the secondary coolant gross activity determination indicates iodine concentrations greater than 10% of the allowable limit. Required only during Modes 1, 2, 3 and 4.
b) 1 per 6 months, whenever the secondary coolant gross activity determination indicates iodine concentrations below 10% of the allowable limit. Required only during Modes 1, 2, 3 and 4.		

- (1) \bar{E} is defined as the average (weighted in proportion to the concentration of each radionuclide in the reactor coolant at the time of sampling) of the sum of the average beta and gamma energies per disintegration (in MeV) for isotopes other than iodines, with half lives greater than 15 minutes, making up at least 95% of the total noniodine activity in the coolant.
- (2) Sample to be taken after a minimum of 2 EFPD and 20 days of POWER OPERATION have elapsed since reactor was last subcritical for 48 hours or longer.
- (3) Until the specific activity of the reactor coolant system is restored within its limits.

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of SOUTHERN)
CALIFORNIA EDISON COMPANY)
and SAN DIEGO GAS & ELECTRIC)
COMPANY (San Onofre Nuclear)
Generating Station Unit No. 1)

Docket No. 50-206

CERTIFICATE OF SERVICE

I hereby certify that a copy of Amendment No. 108 was served on the following by deposit in the United States Mail, postage prepaid, on the 13th day of August, 1982.

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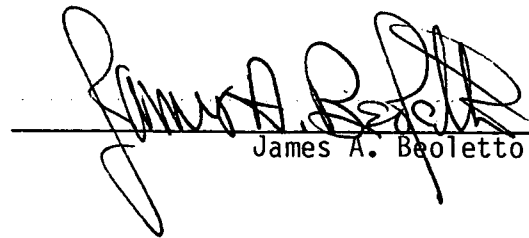
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