

DEPARTMENT OF HEALTH SERVICES
ENVIRONMENTAL MANAGEMENT BRANCH
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October 17, 1989

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Gregory P. Yuhas, Chief
Emergency Preparedness and Radiological Protection Branch
United States Nuclear Regulatory Commission, Region V
1450 Maria Lane, Suite 210
Walnut Creek, CA 94596-5368

Dear Sir:

We are in the process of rewriting procedures for our environmental radiation monitoring program. To this end it would be very helpful to review procedures from the organizations under the purview of the Nuclear Regulatory Commission.

These procedures need to include, but not be limited to, those listed on the attached sheet. Procedures for laboratory measurements would also be helpful.

We have not compiled an exhaustive list of all the organizations whose procedures might be helpful. We have compiled a listing of Nuclear Regulatory Commission facilities whose procedures might be most applicable to our effort. These are listed below:

Rancho Seco Nuclear Power Plant
Diablo Canyon Nuclear Power Plant
Humboldt Nuclear Power Plant
San Onofre Nuclear Generating Station

Copies of any other sets of procedures which you feel appropriate would be greatly appreciated. If any are in magnetically encoded form, that would be even better.

We realize that this request will represent a significant effort on your part to fulfill. We feel that this is necessary in light of the greatly increased incidence of the comparisons of radiologic environmental data between our agencies.

If you have any questions on this matter, please contact Richard W. McKinley at (916) 739-4055.

Sincerely,

Don J. Womeldorf, Chief
Environmental Management Branch

ENVIRONMENTAL SAMPLING PROCEDURES*

1. Air Sampling
 - a. Particulate
 - b. Halogens
 - c. Noble Gases
 - d. Tritium
2. Soil Sampling
 - a. Different Soil Types
 - b. Different Contaminants
3. Water Sampling
 - a. Surface Water
 - b. Ground Water
 1. Vadose Zone Water
4. Biota
 - a. Milk
 - b. Vegetation
 - c. Animal
5. Direct Gamma
 - a. TLD
 - b. Ion Chamber
 - c. Gamma Spectroscopy

* to include sampling, sample preparation, analysis, quality assurance program, etc.