



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555
November 20, 1989

Docket No. 50-312

Mr. Dan Keuter
Assistant General Manager, Nuclear
Rancho Seco Nuclear Generating Station
14440 Twin Cities Road
Herald, California 95638-9799

Dear Mr. Keuter:

SUBJECT: SPENT FUEL FOOL LINER LEAKAGE

Your Interim Engineering Report, Assessment of Spent Fuel Pool Liner Leakage, dated November 16, 1989, was received by our office November 17, 1989. Your report presents the following conclusions and plans:

- 1) Current data indicates liner leakage to the leak chase system and then on to the Radwaste System of approximately 0.5 gallons per hour.
- 2) All liner leakage has been accurately quantified and is routed to the Radioactive Waste System with no measurable leakage to the environment.
- 3) The spent fuel pool leakage does not pose a threat to the health and safety of station personnel or the public.
- 4) The following actions will be accomplished following defueling:
 - (a) a comprehensive testing program to locate the leaks,
 - (b) repair leaks as found,
 - (c) instrumentation modifications to facilitate trending.

Based on our review of the above report, your commitment to monitor the spent fuel pool leakage and your ability to control the activity level in the spent fuel pool, there are no license requirements or regulations that would prevent defueling at this time and we have no objection to your proceeding with your defueling plans.

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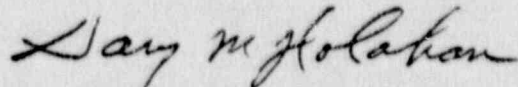
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Mr. Dan Keuter

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If at any time, the spent fuel pool leakage exceeds the capability of your make-up systems or is released to the environment (not collected by the Radioactive Waste System), you are required to take corrective action to resolve the leakage, including reporting any leakage to the environment in your Semiannual Radioactive Effluent Release Report (as an unplanned liquid effluent release).

Sincerely,



Gary Holahan, Acting Director
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

cc: See next page

Mr. Dan Keuter

Rancho Seco Nuclear Generating
Station

cc:

Ms. Jan Schori, General Manager
Sacramento Municipal Utility District
6201 S Street
P.O. Box 15830
Sacramento, California 95813

Mr. John Bartus
Ms. JoAnne Scott
Federal Energy Regulatory Commission
825 North Capitol Street, N. E.
Washington, D.C. 20425

Thomas A. Baxter, Esq.
Shaw, Pittman, Potts & Trowbridge
2300 N Street, N.W.
Washington, D.C. 20037

Ms. Helen Hubbard
P. O. Box 63
Sunol, California 94586

Mr. Steven Crunk
Manager, Nuclear Licensing
Sacramento Municipal Utility District
Rancho Seco Nuclear Generating Station
14440 Twin Cities Road
Herald, California 95638-9799

Environmental Conservation
Organization
Suite 320
101 First Street
Los Altos, California 94022

Mr. Robert B. Borsum, Licensing
Representative
Babcock & Wilcox
Nuclear Power Division
1700 Rockville Pike - Suite 525
Rockville, Maryland 20852

Resident Inspector/Rancho Seco
c/o U. S. N. R. C.
14440 Twin Cities Road
Herald, California 95638

Regional Administrator, Region V
U.S. Nuclear Regulatory Commission
1450 Maria Lane, Suite 210
Walnut Creek, California 94596

Mr. John Hickman
Senior Health Physicist
Environmental Radioactive Management
Unit
Environmental Management Branch
State Department of Health Services
714 P Street, Room 616
Sacramento, California 95814

Sacramento County
Board of Supervisors
700 H Street, Suite 2450
Sacramento, California 95814

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Sincerely,

original signed by Gary Holahan
Gary Holahan, Acting Director
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

cc: See next page

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*Previously concurred

DRSP/PD5*	DRSP/PD5*	DRSP/D:PD5*	DRSP/ADR4/5
JLee	SReynolds:dr	GWKnighton	JZwolinski
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[Signature]
D/DRSP
GHolahan
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