

July 16, 1985

DMB 016

Docket No. 50-312

Mr. Ronald J. Rodriguez
Assistant General Manager, Nuclear
Sacramento Municipal Utility District
6201 S Street
P. O. Box 15830
Sacramento, California 95813

Dear Mr. Rodriguez:

SUBJECT: RANCHO SECO NUCLEAR GENERATING STATION - SAFETY PARAMETER
DISPLAY SYSTEM (SPDS)

In the enclosures to our letter dated July 27, 1984, we identified eight parameters that did not appear to be proposed for inclusion in your SPDS. These parameters were: (1) intermediate range neutron flux, (2) power range neutron flux, (3) containment sump level, (4) containment hydrogen concentration, (5) subcooling monitor, (6) reactor coolant system (RCS) level, (7) stack radiation monitor, and (8) steamline radiation monitor.

In your October 2, 1984 response to our letter, you stated that the first five parameters listed are included in the SPDS. You further noted that in your September 14, 1984 submittal on your Regulatory Guide 1.97 Position Revision 1 you committed to add this parameter to the SPDS. In addition, you identified that functions of the stack and steamline radiation monitors are accomplished by variables in the Digital Radiation Monitoring System (DRMS) which are displayed on the Interim Data Acquisition and Display System (IDADS) Computer System.

Therefore, we now find the list of variables for the Rancho Seco SPDS acceptable.

However, from our review of your October 2, 1984 submittal we noted a potential human factors problem which could not be evaluated because of inadequate information. It appears that the data needed to evaluate the critical safety functions are presented in several display formats and in two display systems. The location of each display system within the control room has not been defined. We are concerned with the issue of dispersed data between the display systems and among the various display formats. If the data are widely spread in the control room, and widely spread among the display formats within a display system, then control room operators will not be able to rapidly and reliably assess the safety status of the plant.

8508020070 850716
PDR ADOCK 05000512
PDR

Mr. Ronald J. Rodriguez

-2-

In order to complete our review of this item please provide the following information. 1) Define the display format, operator tasks to acquire the display format, and display system for each critical safety function and all variables for the function selected by you to meet the requirements for the SPDS, and 2) Provide a plot plan of the control room indicating the location of each display system used to meet the SPDS requirements. Please provide the requested information within 45 days of receipt of this letter.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents, therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

~~ORIGINAL SIGNED BY~~
~~JOHN F. STOLZ~~

John F. Stolz, Chief
Operating Reactors Branch #4
Division of Licensing

cc: See next page

DISTRIBUTION

<u>Docket File</u>	JPartlow
NRC PDR	ACRS-10
L PDR	RIngram
ORB#4 Rdg	SMiner
HThompson	Gray File
OELD	EBlackwood
EJordan	HOrnstein
BGrimes	

ORB#4:DL
SMiner:cf
7/15/85

ORB#4:DL
JStolz
7/16/85

Mr. R. J. Rodriguez
Sacramento Municipal Utility District

Rancho Seco Nuclear Generating
Station

cc:

Mr. David S. Kaplan, Secretary
and General Counsel
Sacramento Municipal Utility
District
6201 S Street
P. O. Box 15830
Sacramento, California 95813

Sacramento County
Board of Supervisors
827 7th Street, Room 424
Sacramento, California 95814

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

Thomas Baxter, Esq.
Shaw, Pittman, Potts & Trowbridge
1800 M Street, N.W.
Washington, D.C. 20036

Mr. Robert B. Borsum
Babcock & Wilcox
Nuclear Power Generation Division
Suite 220, 7910 Woodmont Avenue
Bethesda, Maryland 20814

Resident Inspector/Rancho Seco
c/o U. S. N. R. C.
14410 Twin Cities Road
Herald, California 95638

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

Director
Energy Facilities Siting Division
Energy Resources Conservation &
Development Commission
1516 - 9th Street
Sacramento, California 95814

Mr. Joseph O. Ward, Chief
Radiological Health Branch
State Department of Health Services
714 P Street, Office Building #8
Sacramento, California 95814

Mr. Joseph Findaro
California State Office
444 North Capitol Street, N.W., Suite 305
Washington, D.C. 20003