

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555
June 6, 1978

RANCHO SECO
MARCH 20, 1978

MEMORANDUM FOR: Brian Grimes, Assistant Director for Engineering & Projects, DOR

FROM: Robert W. Reid, Chief, Operating Reactors Branch #4, DOR

SUBJECT: **LEAD TRANSFER ON B&W INSTRUMENTATION**

Per your request same subject, dated May 17, 1978, the following lead engineer assignments have been designated by the respective Branch Chiefs:

Plant Systems Branch: M. Chiramal
Reactor Safety Branch: R. Lobel
ORB#4 (Project Lead): G. Zwetzig

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PEOPLE

A definition of the various tasks is given in the attachment.

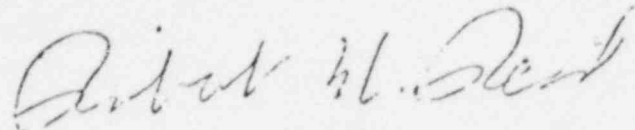
The target completion schedule and estimated personpower requirements are as follows:

<u>TASK</u>	<u>TARGET COMPLETION DATE</u>	<u>EST. EFFORT (PERSON-WEEKS)</u>
1	07/31/78	1.7
2a&b	09/18/78	0.5
2c	12/18/78	2.1
3a	07/31/78	4.1
3b	09/18/78	0.8
4a (Review)*	10/09/78	2.6
(Implementation)	03/26/79	2.8
4b	07/31/79	5.4
	TOTAL	20.0

*Completion of Item 2 of V. Stello's letter of 4/7/78, meeting 180 day completion request.

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The related task on revised Technical Specifications for reactor heatup/cool-down rates is being pursued independently by R. Klecker and J. McGough.



Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Operating Reactors

Attachment:
Task Definitions

cc w/attachment: V. Stello
R. Baer
P. Check
W. Butler
G. Lainas
D. Tondi
M. Chiramal
G. Zwetzig
D. Eisenhut
R. Klecker
J. McGough

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TASK DEFINITIONS

- Task 1 Determine if changes are needed in design of power supply for non-nuclear instrumentation (NINI) at Rancho Seco to reduce probability of loss of control information.
- Task 2 If conclusion of Task 1 is affirmative
- a. Determine which, if any, B&W reactors have power supply designs which are susceptible to same failure mode as Rancho Seco design, and
 - b. Request Rancho Seco and facilities identified in Task 2a to propose an improved design, and submit a safety evaluation showing the acceptability of the improved design.
 - c. Determine the acceptability of the proposed improved designs and advise affected licensees accordingly.
- Task 3a. Review automatic initiation of auxiliary feedwater flow by a Safety Features Actuation Signal (SFAS) and determine whether this feature should be retained by Rancho Seco.
- b. If it is concluded that this feature should be deleted, take appropriate licensing action for Rancho Seco and other B&W facilities with a similar design, if any.
- Task 4a. Review B&W designed plants for other generic design features where anticipated failures or initiating events could cause significant cooldown transients, and take licensing action as appropriate.
- b. Same as 4a for Westinghouse and CE plants.

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