



Energy Measurements Group • San Ramon Operations

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10 June 1980
ESD #6846

Mr. J. T. Beard
US Nuclear Regulatory Commission
Division of Operating Reactors
Plant Systems Branch - MS-416
7920 Norfolk Avenue
Bethesda, MD 20014

Dear J.T.:

Attached is a request for additional information and drawings on Rancho Seco. The recently-supplied information has been reviewed and was found to be inadequate to complete the Containment Isolation Valve System evaluation. Please obtain this information as soon as possible so that progress on this task may continue. If you have any questions, I will be glad to discuss them with you.

Bill Kountanis

BILL KOUNTANIS
ENGINEERING SPECIALIST

BK:lc
Attachment

cc: EG&G/SRO

LLNL

NRC

J. Cooper
D. Hackett
D. Laudenbach
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M. Dittmore

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REQUEST FOR ADDITIONAL INFORMATION

RANCHO SECO

1. Provide the following information for the safety injection (SI) system.
 - a) Electrical schematic drawings (three copies) showing the (SI) actuation relays, slave relays, interlocks, actuating contacts and any bypass or reset switches. Include drawings which show the source of electrical power for the SI system and the status of relay contacts when relays are in the de-energized or shelf condition.
 - b) P&ID and electrical schematics showing the SI system valves, including the fail direction of valves.
2. Provide the following information for the Engineered Safety Features (ESF).
 - a) Electrical schematic drawings (three copies) showing the ESF system actuating relays, slave relays, interlocks, bypass switches, reset switches, selector switches and initiating contacts. Include information showing the status of relay contacts when relays are in the de-energized or shelf condition.
 - b) If any radiation alarms are associated with the ESF system, please describe the type of alarms and their location.
3. Referring to drawing E-203, sheet 64C, provide development drawings for switches BLPB-1 and BLPB-2 and for relays RPIV/OC and RPIV/RC.
4. Referring to drawing E-203, sheet 9, provide the following:
 - a) Logic diagram and necessary drawings to show how RCP failure initiates containment isolation.
 - b) Where is SFV46014 located, and what is its function?
 - c) Drawings which describe the 637 and 646 relays.
5. Referring to drawing E-203, sheet 8, provide the following:
 - a) A description and drawings of the trigger for the SCR which drives the 86 relay.
 - b) Development drawing for the 33 switch.
 - c) Development drawing for the 52 contacts.

6. Provide three copies of each of the following drawings:

a) 6292-N15.03, sheets 6, 16, 26 and 36

b) 6292-N21.01-69

c) 6292-E7.01-56