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JUN 12 1980

Central

Docket No. 50-206

Mr. R. Dietch  
Vice President  
Nuclear Engineering and Operations  
Southern California Edison Company  
2244 Walnut Grove Avenue  
Post Office Box 800  
Rosemead, California 91770

SUBJECT: SEP TOPIC VI-4, Containment Isolation System

We are continuing our review of SEP Topic VI-4 and have found that additional information related to the containment purge and venting system for San Onofre Unit 1 described in the enclosure to this letter is needed.

We request your response within 30 days of your receipt of this letter.

Sincerely,

Original signed by:

Dennis M. Crutchfield, Chiefactor  
Operating Reactors Branch #5  
Division of Licensing

Enclosure:  
Request for Additional  
Information

cc w/enclosure:  
See next page

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

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We request your response within 30 days of your receipt of this letter.

Sincerely,

A handwritten signature in cursive script that reads "Dennis M. Crutchfield".

Dennis M. Crutchfield, Chief  
Operating Reactors Branch #5  
Division of Licensing

Enclosure:  
Request for Additional  
Information

cc w/enclosure:  
See next page

Mr: R. Dietch

cc

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The docketed information as to the design of the containment purge and venting system includes SCEC letters dated 1/9/79, 12/14/79 and 1/15/80 and does not adequately address the concerns of the NRC generic letter on "Containment Purging during normal plant operation" dated 11/28/78. The following additional information is necessary in order to complete our evaluation of the electrical override/bypass aspects of the containment purge matter:

1. Provide the process and instrumentation diagram (P&ID) and schematic diagrams for the purge and vent system.
2. SCEC 1/9/79 letter indicates that when a manual override of the safety injection actuation signal is affected, this also overrides the containment spray actuation signal and the containment purge isolation valves. The NRC guidelines require that, for any override, an annunciator be provided for each system impacted when the override is active. Describe how the San Onofre 1 design meets this guideline.
3. SCEC 1/9/79 letter describes that manual override of the safety injection actuation signal is accomplished by use of a manual "double-action block switch." The NRC guideline requires that override controls have sufficient physical features (i.e., keylock switches or covered switches) to facilitate adequate administrative control. Describe how the "double-action block switch" satisfies the NRC guideline.
4. The NRC guideline requires signals which initiate containment isolation be derived from safety grade equipment. Discuss the qualification of the equipment providing the (a) high containment pressure, (b) high containment radiation and (c) safety injection actuation signals.
5. The NRC guideline requires that overriding or resetting of the isolation actuation signal does not cause automatic reopening of any isolation or purge valve. Discuss how the San Onofre Unit 1 design meets this guideline.

Note: If any of the above specific information has been provided in response to "Lessons Learned" or "Bulletins and Orders" requests, the licensee may respond by identifying the date and title of the letter containing the information.

NOTE: The following definitions are given for clarity of use in this issue:

Override - The signal is still present, and it is blocked in order to perform a function contrary to the signal.

Reset - The signal has come and gone, and the circuit is being cleared to return to the normal condition.