

Southern California Edison Company



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J. G. HAYNES
MANAGER OF NUCLEAR OPERATIONS

August 12, 1982

TELEPHONE
(213) 572-1742

Mr. R. H. Engelken
U. S. Nuclear Regulatory Commission
Region V
1450 Maria Lane, Suite 260
Walnut Creek, California 94596

DOCKET No. 50-206
SAN ONOFRE - UNIT 1

Dear Mr. Engelken:

On January 27, 1981, you forwarded a copy of IE Bulletin 81-01 requesting inspection and testing of mechanical snubbers. We indicated in our February 27, 1981 letter that we would inspect all mechanical snubbers on safety-related systems prior to return to power from the outage. We completed our inspection of testing which revealed two inoperable snubbers as reported in a Licensee Event Report 81-003 dated April 21, 1981 and further detailed in our June 3, 1981 submittal. In that letter we indicated the results of our inspections. During a recent visit to our site, an inspector indicated he was not satisfied with the completeness of our response to the subject bulletin. This letter provides further clarification and completes our response to IE Bulletin 81-01.

Responses to actions to be taken by Licensees of Operating Reactors is as follows:

Actions 1 and 2 required examination and testing of all International Nuclear Safeguards Corporation snubbers. In our February 27, 1981 letter, we indicated that we do not have any snubbers made by this manufacturer.

Action 3 required an inspection program covering snubbers produced by other manufacturers. As indicated in our June 3, 1981 letter and in Licensee Event Report 81-003, these inspections resulted in the reporting of two snubbers as inoperable.

A description of the visual examination and tests as required by Action 4a may be found in the enclosed procedure and test results. In accordance with Action 4b requiring a report of our inspection results, we submit the following summary:

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MECHANICAL SNUBBERS INSTALLED ON SAFETY-RELATED SYSTEMS

INACCESSIBLE DURING NORMAL PLANT OPERATION:

<u>SNUBBER NO.</u>	<u>MODEL NO.</u>	<u>LOCATION</u>	<u>SIZE (lbs.)</u>
1-SS-1501R-11	PSA 3	S.I. Piping System	6,000
1-SS-1501R-14	PSA 3	S.I. Piping System	6,000
1-SS-1501R-12	PSA 3	S.I. Piping System	6,000
1-SS-1501R-15	PSA 3	S.I. Piping System	6,000
1-SS-1501R-10	PSA 3	S.I. Piping System	6,000
1-SS-1501R-13	PSA 3	S.I. Piping System	6,000
1-6018-SS-006	PSA 3	S.I. Piping System	6,000
1-6019-SS-006	PSA 3	S.I. Piping System	6,000
1-734-SS-003	PSA 1	S.I. Piping System	1,500

ACCESSIBLE DURING NORMAL PLANT OPERATION:

<u>SNUBBER NO.</u>	<u>MODEL NO.</u>	<u>LOCATION</u>	<u>SIZE (lbs.)</u>
2-SC-1501R-03	PSA 35	S.I. Piping System	50,000
6-SC-1501R-02	PSA 35		50,000
SA-16-1	PSA 3	# 1 D/G Intake	6,000
SA-16-2	PSA 3	# 1 D/G Intake	6,000
SA-16-3	PSA 35	# 1 D/G Exhaust	50,000
SA-16-4	PSA 10		15,000
SA-16-5	PSA 35		50,000
SA-16-6	PSA 10		15,000
SA-17-1	PSA 3	# 2 D/G Intake	6,000
SA-17-2	PSA 3	# 2 D/G Intake	6,000
SA-17-3	PSA 35	# 2 D/G Exhaust	50,000
SA-17-4	PSA 10		15,000
SA-17-5	PSA 35		50,000
SA-17-6	PSA 10		15,000
SA-1	PSA 1	S.I. Piping System	1,500
5-SS-151R-11	PSA 35	S.I. Piping System	50,000
14-PS-2A	PSA 35		50,000
*5-318-SW-10	PSA 3	S.I. Piping System	6,000
*5-318-SW-11	PSA 10		15,000
1-6019-SS-2	PSA 10	S.I. Piping System	15,004
6-SW-151R-15	PSA 10		15,000
14-PS-2B	PSA 35		10,000

*These snubber were found inoperable and were reported in LER 81-003.

All of these snubbers are manufactured by Pacific Scientific Company. These were visually inspected for damage and manually tested to verify freedom of movement over the range of stroke in both compression and tension directions.

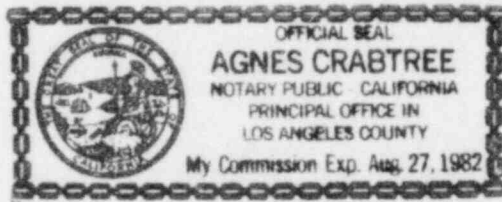
Our response to action 4c was included in our June 3, 1981 letter. This report includes results of inspection of all mechanical snubbers on safety-related systems.

Should you require additional information, please contact me.

Subscribed on this 12 day of August, 1982.

By J. G. Haynes
J. G. Haynes
Manager of Nuclear Operations

Subscribed and sworn to before me
this 12th day of August, 1982



Agnes Crabtree
Notary Public in and for the County
of Los Angeles, State of California

- cc: L. F. Miller (NRC Resident Inspector - San Onofre Unit 1)
- Director, Office of Inspection and Enforcement
- Director, Office of Management Information and Program Control
- Director, Nuclear Safety Analysis Center
- J. Horner, Inspector, OIE, Region V