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SUBJECT: RO:on 890112,Unit 2 shut down due to failure of motor on
 auxiliary feedwater pump 2P-141.Photographs enclosed.

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photos to p.m.

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February 10, 1989

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Gentlemen:

SUBJECT: Docket No. 50-361
Auxiliary Feedwater Pump Motor
San Onofre Nuclear Generating Station
Units 2 and 3

On January 12, 1989, San Onofre Unit 2 was shut down due to failure of the motor on auxiliary feedwater pump 2P-141. The motor was removed from the pump and sent offsite for inspection and repair. The inspection revealed that the motor failure was due to failed welds on at least two core lamination stiffeners allowing them to move freely within the motor interior and damage the stator winding.

On January 25, 1989, SCE met with the San Onofre Units 2 and 3 NRC Resident Inspector and Project Manager to discuss the results of our inspections and our plans for repair of the motor. As discussed during that meeting, it is concluded that the root cause of the stiffener failure is attributed to welding and quality control procedures at the time of manufacture. Although at the time of the January 25 meeting it was anticipated that the stator would be rewound, a new stator was subsequently obtained from the original motor manufacturer, Siemens-Allis, and is being installed in the motor. Repair and testing was completed on February 6, 1989.

During the January 25 meeting, the NRC Project Manager requested a copy of the three photographs of the failed motor. Copies of these photographs are enclosed.

If you have any questions on this matter, please let us know.

Very truly yours,

A047
PHOTOS TO P.M.

cc: J. B. Martin, Regional Administrator, NRC Region V
F. R. Huey, NRC Senior Resident Inspector, San Onofre Units 1, 2, and 3
D. E. Hickman, NRC Project Manager

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(FORM ED 88 11/80)

ENCLOSURE

PHOTOGRAPHS

