PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-V-82-14 DATE: April 5, 1982

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by IE staff on this date.

FACILITY: Sacramento Municipal Utility District
Rancho Seco Nuclear Power Plant
Sacramento County, California
Docket No. 50-312

SUBJECT: HIGH PRESSURE INJECTION THERMAL SLEEVE DEGRADATION

Licensee Emergency Classification:
____ Notification of Unusual Event
____ Alert
____ Site Area Emergency
____ General Emergency
X Not Applicable

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At midnight, April 2, 1982 Rancho Seco was shut down and cooled down for nondestructive examination of the high pressure injection lines. The inspection was performed April 3-4, 1982 and was witnessed by both a RV NDE specialist and the resident inspector. The examination showed the following:

A Nozzle: Multiple pressure boundary ID cracks (both circumferential and longitudinal) upstream of the rolled area. The cracks were found by UT methods. The RT method shows the thermal sleeve is in its proper position and is intact. The cracks are approximately 20% of wall thickness. PT method showed no defects in pressure boundary.

B Nozzle: UT method showed no defects. RT methods showed that the thermal sleeve has moved upstream approximately 1.0" and that 2 of 8 sleeve retaining buttons appear to be missing. PT method showed no defects in the pressure boundary.

C and D Nozzles: UT, RT and PT inspection showed no defects in the pressure boundary and that the thermal sleeves are intact.

The licensee commenced cooldown of the pressurizer at 12:30 p.m. on April 4, 1982 and expects to commence draining RCS to the maintenance level on the swing shift today (4/5/82). Further RT inspection on the "A", "C" and "D" nozzles is planned for today.

The licensee has made a press release on this issue, and said the outage will take about 30 days. Media interest is expected. RV does not plan a press release.

This matter is the subject of IE Information Notice No. 82-09. Information is being transmitted by the resident inspector as inspections are performed. This information is current as of 8:30 a.m. PST, April 5, 1982.

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REGION V: Form 211
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