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 AUTH. NAME AUTHOR AFFILIATION
 PARRISH, J.V. Washington Public Power Supply System
 RECIP. NAME RECIPIENT AFFILIATION
 FAULKENBERRY, B. Region 5 (Post 820201)

SUBJECT: Special rept: on 930503, space frame & attached seismic
 triaxial peak accelorograph (SEIS-TPA-1) removed to allow
 for refueling of reactor core. Instrument returned to svc on
 930607.

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June 11, 1993
G02-93-156

Docket No. 50-397

Mr. B. H. Faulkenberry
Regional Administrator
US Nuclear Regulatory Commission
Region V
1450 Maria Lane
Walnut Creek, CA. 94596

Dear Mr. Faulkenberry:

Subject: WNP-2, OPERATING LICENSE NO. NPF-21
SPECIAL REPORT: SEISMIC MONITORING INSTRUMENTATION

Reference: Letter G02-93-062, dated March 18, 1993, JW Baker (SS) to JB Martin (NRC),
"Seismic Monitoring Instrumentation"

This special report is submitted pursuant to the requirements of WNP-2 Technical Specification section 3.3.7.2 "Seismic Monitoring Instrumentation" which requires the instruments to be operable at all times, and in fulfillment of the commitment made in the referenced letter.

The seismic monitoring system has been designed and installed to record the response of Plant buildings and systems to ground motions produced by earthquakes. This information would be used by plant operators to immediately gauge the relative size of the event and, over the long term, to verify the performance of plant design.

The action statement for this specification requires that "with one or more of the above required seismic monitoring instruments inoperable for more than 30 days, in lieu of any other report required by Specification 6.9.1, prepare and submit a Special Report to the Commission pursuant to Specification 6.9.2 within the next 10 days outlining the cause of the malfunction and the plans for restoring the instrument(s) to operable status."

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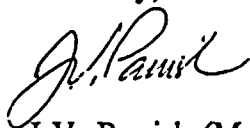
Page Two

SPECIAL REPORT: SEISMIC MONITORING INSTRUMENTATION

On May 3, 1993, with the plant in Mode 4 (cold shutdown) during an annual refueling outage, the space frame and attached seismic Triaxial Peak Accelerograph (SEIS-TPA-1) were removed to allow for refueling of the reactor core. The space frame is a structural frame over the RPV head used to support RCIC piping, CRA ventilation ducting, RPV head/flange thermocouples, and one RPV level instrument sensing line. This seismic accelerometer is a mechanical device that is attached to the reactor space frame. It records peak acceleration by producing scratches on metal record plates. There are no alarms or automatic actuations produced by this instrument.

The location of this instrument requires its removal from service to allow for refueling of the reactor core. This occurs during our annual refueling outage and results in the Space Frame and SEIS-TPA-1 being removed for more than thirty days. Our procedures require notification of the Shift Manager and entry into the Seismic Monitoring System LCO when the space frame is removed. This special report has been prepared in response to the action statement for SEIS-TPA-1 being out of service for more than 30 days. This instrument was returned to service on June 7, 1993.

Sincerely,



J.V. Parrish (Mail Drop 1023)
Assistant Managing Director, Operations

cc: NRC Document Control Desk
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