

Washington Public Power Supply System

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REGION V I&E

May 21, 1985

G03-85-271

Docket No. 50-508

U. S. Nuclear Regulatory Commission, Region V
Office of Inspection and Enforcement
1450 Maria Lane, Suite 260
Walnut Creek, California 94596-5368

Attention: Mr. J. B. Martin
Regional Administrator

Subject: WASHINGTON NUCLEAR PROJECT NO. 3
REACTOR BUILDING STEEL CONTAINMENT VESSEL

Reference: Letter, G03-83-546, D. E. Dobson to D. M. Sternberg, WNP-3
Extended Construction Delay, dated July 13, 1983

The referenced letter notified your office of the extended construction delay of WNP-3. The delay remains in effect; however, the Supply System has determined it is prudent at this time to perform the work required to close and test the Reactor Building Steel Containment Vessel. To do this, we must mobilize Contract 3240-213 (CB&I) to complete remaining contract work. Completion of this work will eliminate the additional costs associated with maintaining the contract in suspension for an extended period. This work includes:

1. Weld 32' construction hatch
2. Weld in 3' hatch cover on top of dome
3. Weld in trolley rail at Elevation 451.0
4. Bolt on the 14' maintenance and equipment hatch
5. Seal and close personnel access and emergency escape hatches and test locks
6. Jet Impingement Load Analysis
7. Additional Bracing for Construction Hatch Monorail and Platforms
8. Structural Acceptance Testing (SAT)
9. Stress Analysis Report
10. Certify (ASME Stamp) Vessel

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Mr. J. B. Martin

Page 2

May 21, 1985

G03-85-271

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It is anticipated that CB&I will commence work on September 1, 1985, with completion in December 1985. Approximately 12 CB&I personnel (9 manual/3 nonmanual) will be involved in the work which will be performed in accordance with CB&I's Quality Assurance Program.

To allow CB&I to complete its contract work, certain other related work must be accomplished by other contractors. The support work will be performed to Ebasco's procedures in accordance with Ebasco's Quality Assurance Program. Ebasco will provide all QA/QC required for this work. This related work includes:

1. Completion of the Containment Pressure Boundary Seal by Peter Kiewit Son's Co. (PKS), Contract 3240-251/226. Work generally consists of completing containment vessel penetrations and installing isolation valves or closure assemblies. Approximately 11 PKS personnel will be involved in the performance of this work.
2. Miscellaneous construction support services by Capital Development Co. (Contract 3240-290). Work generally consists of trestle removal and placement of NSSS equipment into the containment.

Additional AE/CM (Ebasco) effort will be required to support the completion of the CB&I work and the related work described above. The Ebasco support includes supervision, QA/QC, scheduling, engineering and related activities.

At present, Ebasco is developing packages for the work that will be accomplished by Peter Kiewit Sons (PKS) and Capital Development Company (CDC). In addition, Ebasco is in the process of qualifying PKS welders. CDC has started moving large material into the containment and is also performing minor work associated with the closure of Nonconformance Reports.

We will keep you informed of any significant changes to the work discussed above. Should you have any questions or desire further information, please contact me directly.

Roger N. Williams
for A. D. Kohler (760)
Acting WNP-3 Program Director

cc: Mr. J. A. Adams, NESCO
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Mr. W. L. Bryan, The Washington Water Power Company
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