

PARSONS

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August 8, 1997
Docket No. 50-336
Parsons NUM2-PPNR-0410-L

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

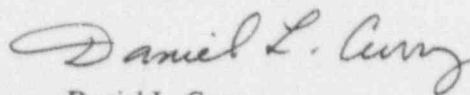
Millstone Nuclear Power Station Unit No. 2
Independent Corrective Action Verification Program (ICAVP)

Gentlemen:

This letter transmits the meeting summary of the publicly observed meeting between Parsons Power Group Inc., the U. S. Nuclear Regulatory Commission and NNECo held at NNECo facilities in Waterford, CT, on July 30, 1997. The purpose of this meeting was to present the system boundaries for the selected systems in the Millstone Unit 2 ICAVP.

Please call me at (610) 855-2366 if you have any questions.

Sincerely,



Daniel L. Curry
Parsons ICAVP Project Director

DLC:djv

Attachments

cc: E. Imbro (2) - USNRC
H. Eichenholz - USNRC
R. Laudenat - NNECo
J. Fougere - NNECo
Rep. Terry Concannon - NEAC

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Meeting Summary
July 30, 1997
Parsons Power Group Inc.
Waterford, CT

Subject: Parsons Power presentation of system boundaries to NNECo
Millstone Unit 2 ICAVP
Docket 50-336

On July 30, 1997, Parsons Power Group Inc. (PPGI) participated in a publicly observed meeting with the U.S. Nuclear Regulatory Commission (NRC) and NNECo. The primary purpose of the meeting was to present the system boundaries for the selected systems as part of the Millstone Unit 2 Independent Corrective Action Verification Program. A listing of primary attendees is provided as Enclosure 1.

PPGI presented their approach for the system boundary definition process. The boundary definition process was followed by a detailed discussion of the boundaries for the Auxiliary Feedwater System (AFW) system (including the Condensate Storage Tank) and the High Pressure Safety Injection System (HPSI) system (including the Refueling Water Storage Tank). It was noted that the determination of the system boundaries was functionally driven and not limited by administrative interfaces.

Seven copies of the completed boundary packages were provided to the NRC and three copies were provided to NNECo. The boundary package included highlighted, marked-up interface drawings (P&ID's) and one-lines) of each of the selected systems, as well as a system boundary booklet which included the boundary process description; interface type drawings; mechanical and electrical/I&C interface matrices; and Auxiliary FW/CST and MF3I/RWST system function information, simplified P&ID's, and system interface lists.

During the presentation Parsons confirmed:

- the review of electrical interfaces would include the power source
- RPS & ESAS is reviewed as a "black box"
- Instrument sensor review includes process.

Enclosure 2 provides a listing of all interfacing systems for the AFW and HPSI. At the meeting 101 specific interface points were identified for the AFW system and 175 interface points were identified for HPSI. NNECo agreed to identify those interfaces that are not ready for Parsons review due to in progress NNECo CMP activities. NNECo identification would be complete by August 4 to allow Parsons assignment of "placeholder". Parsons will review "placeholder" interfaces when NNECo indicates they have completed CMP discovery.

ENCLOSURE 1
ATTENDANCE LIST

US Nuclear Regulatory Commission

Ralph Architzel
John Nakoski
Paul Narbut
Steve Reynolds

Parsons Power Group Inc.

Eric Blocher
Greg Cranston
John Ioannidi
Thomas Klein
Kenneth Mayers
Edward Toll

Northeast Utilities

Nichael Ahern
Paul Collette
Mike Ehrectt
Joseph Fougere
Fred Mattioli
Raymond Necci

ENCLOSURE 2

SYSTEM BOUNDARY INTERFACES

INTERFACING SYSTEMS FOR AFW SYSTEM REVIEW

1. Main Steam
2. Main Feedwater
3. Fire Service
4. Condensate Storage and Transfer
5. Instrument Air
6. 4160 Volt AC
7. ATWS Initiation
8. 480 Volt AC
9. 125 Volt DC
10. Reactor Protection System
11. Auxiliary Steam
12. Heat Tracing

INTERFACING SYSTEMS FOR HPSI SYSTEM REVIEW

1. Low Pressure Safety Injection
2. Containment Spray
3. Containment Sump
4. Reactor Building Closed Cooling Water
5. Engineered Safety Feature Room Air Recirculation Units
6. Instrument Air
7. Refueling Water Storage Tank
8. Charging System (for back-up boron precipitation control)
9. 4160 Volt AC
10. 480 Volt AC
11. 120 Volt AC
12. 125 Volt DC
13. Engineered Safeguard Actuation System and Isolation
14. Safety Injection Actuation Signal
15. Sump Recirculation Actuation Signal