

Measurement Systems

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June 18, 2009

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Request for closed meeting at Alden Research Laboratories on August 25 and 26, 2009 as part of NRC review of Caldon Ultrasonics Engineering Report ER-157, "Supplement to Topical Report ER-80P: Basis for a Power Uprate with the LEFM Check or CheckPlus System," Revision 8

- References:**
- (1) Letter, dated December 20, 2001, from Stuart A. Richards, Licensing Project Management, Office of Nuclear Reactor Regulation, USNRC, to Michael A. Krupa, Nuclear Safety and Licensing, Entergy Operations Inc, forwarding the Safety Evaluation of Caldon Engineering Report ER-157P by the Office of Nuclear Reactor Regulation
 - (2) Letter, dated July 5, 2006, from Brian A. Thomas, Division of Policy and Rulemaking, Office of Nuclear Reactor Regulation, USNRC to Ernest M. Hauser, Caldon, forwarding "Evaluation of Hydraulic Aspects of the Caldon Leading Edge Flow Meter (LEFM) Check and CheckPlus Ultrasonic Flowmeters (UFMs) (TAC No. MC 6424)
 - (3) Letter, dated June 12, 2008, from Cameron to Document Control Desk, Mr. Thompson, submitting Caldon Ultrasonic Engineering Report ER-157, "Supplement to Topical Report ER-80P: Basis for a Power Uprate with the LEFM Check or CheckPlus System.
 - (4) Letter dated May 11, 2009 from Cameron to Document Control Desk, George Bacuta, requesting review of Caldon Ultrasonic Engineering Report ER-157, "Supplement to Topical Report ER-80P: Basis for a Power Uprate with the LEFM Check or CheckPlus System"

To facilitate review of ER-157P Rev 8, Cameron hereby requests a closed meeting to be held at Alden Research Laboratories (ARL) located in Holden, MA, on August 25 and 26, 2009 with the NRC staff assigned to review the report. The meeting would be held at ARL to allow the staff to witness a calibration of an LEFM CheckPlus System in process, and to allow in depth technical discussions of the report to facilitate its review. The

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meeting would be closed to allow discussion of proprietary information developed during testing at ARL and to allow discussion of proprietary information contained in the report. Attached is a tentative meeting agenda.

We have already agreed, by reference 4, to pay the necessary fees for the review and for the meeting to facilitate that review. If you have any questions, please do not hesitate to call me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ernie Hauser', with a long horizontal flourish extending to the right.

Ernie Hauser
Director of Sales

Enclosures

cc: G. Bacuta, NRR
G. Cranston, NRR
W. Lyon, NRR

Tentative Meeting Agenda
For
August 25th & 26th at Alden Labs

August 25th

Start: 8:30 AM to 5:00 PM with lunch break around noon

August 26th

Start: 8:30 AM to 3:00 PM with lunch break around noon

Topics of Discussion

- Brief tour of ARL calibration set up
- Presentation of ARL Accuracy
- Review of test plan for the week
- Power Plant Applications and History of LEFMs
- The Black Box: Chordal LEFMs and how they work
- Laboratory Calibrations, Practice and Data
- In-Service Effects
- Traceability and Uncertainties
- Putting a LEFM In Service
- Product Follow
- ER-157 Changes and Additions in Revision 8
- Review of Calibration Results On-line