



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
612 EAST LAMAR BLVD, SUITE 400
ARLINGTON, TEXAS 76011-4125

May 5, 2011

Mr. Adam C. Heflin, Senior Vice
President and Chief Nuclear Officer
Union Electric Company
P.O. Box 620
Fulton, MO 65251

SUBJECT: CALLAWAY PLANT – NOTIFICATION OF INSPECTION (NRC INSPECTION
REPORT 05000483/2011005) AND REQUEST FOR INFORMATION

Dear Mr. Heflin:

From June 20 to 24, 2011, operations engineers from the Nuclear Regulatory Commission's (NRC) Region IV office will be onsite as part of performing the baseline biennial requalification inspection at the Callaway Plant, using NRC Inspection Procedure 71111.11B, "Licensed Operator Requalification Program." Experience has shown that this inspection is a resource intensive inspection both for the NRC examiners and your staff. In order to minimize the impact to your onsite resources and to ensure a productive inspection, we have enclosed a request for documents needed for this inspection. These documents have been divided into two groups. The first group (Section A of the enclosure) identified information to be provided prior to the inspection to ensure that the examiners are adequately prepared. The second group (Section B of the enclosure) identifies the information the examiners will need upon arrival at the site. It is important that all of these documents are up to date and complete in order to minimize the number of additional documents requested during the preparation and/or the onsite portions of the inspection.

We have discussed the schedule for these inspection activities with your staff and understand that our regulatory contact for this inspection will be Mr. Scott Maglio of your licensing organization. Our inspection dates are subject to change based on your updated schedule of examination activities. If there are any questions about this inspection or the material requested, please contact the lead examiner Mr. Sean Hedger at (817) 276-6556 (Sean.Hedger@nrc.gov) or Mr. Gabriel Apger at (817) 276-6508 (Gabriel.Apger@nrc.gov).

This letter does not contain new or amended information collection requirements subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). Existing information collection requirements were approved by the Office of Management and Budget, control number 3150-0018. The NRC may not conduct or sponsor, and a person is not required to respond to, a request for information or an information collection requirement unless the requesting document displays a currently valid Office of Management and Budget control number.

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- 2 -

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

Mark S. Haire, Chief
Operations Branch
Division of Reactor Safety

Docket: 50-483
License: NPF-30

Enclosure:
Biennial Requalification Inspection Document Request

cc w/Enclosure: Distribution via ListServe

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		<input type="checkbox"/> Non-publicly Available	<input type="checkbox"/> Sensitive
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T=Telephone

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BIENNIAL REQUALIFICATION INSPECTION DOCUMENT REQUEST

From: Mr. Sean Hedger
Operations Engineer, NRC RIV
817-276-6556

To: Mr. David Lantz
Assistant Manager, Operations Training, Callaway Plant
573-676-8512

Subj: Information Request to Support June 13 - August 31, 2011, Licensed Operator
Requalification Program Inspection (IP 71111.11B)

A. The following information is requested in order to support inspection preparation activities. These items are listed by section as they appear in the inspection module (i. e., 2.02, 2.04, etc). Requested materials should be sent either electronically or hardcopy in order to arrive at the Region IV office no later than June 10, 2011.

- Electronically: Via IMS Certrec or email (to Sean.Hedger@nrc.gov and Gabriel.Apger@nrc.gov)
- Hardcopy to: US Nuclear Regulatory Commission, Region IV
612 E. Lamar Blvd, Suite 400
Arlington, TX 76011
ATTN: Sean D. Hedger

02.03: Facility Operating History

- List of condition reports related to operator errors and training issues initiated since last biennial requalification program inspection
- Copies of the following condition reports by identification number or subject
 - CAR documents 201101783, 201101788, 201101255, 201101283, 201010484, 200908596, 201004301
 - Condition report(s) generated as a result of observed generic operator issues identified in the 2009 initial operator licensing exam (NRC Exam Report 05000483/2009301)
 - Condition report(s) generated as a result of Corrective Action to Prevent Recurrence (CAPTR)-2 from the supporting Causal Analysis for Licensee Event Report (LER) 2009004

02.04: Licensee Requalification Exams / 02.09: Written Exam and Operating Test Results

- Current requalification cycle written examinations (SRO & RO) and results to date
- Current requalification cycle operating tests (SRO & RO) and results through June 3, 2011.
- Current requalification cycle examination methodology (sample plan)
- Documentation showing how the content of the written and operating exams each week do not exceed exam overlap expectations
- All portions of the UFSAR that identify operator response times

02.05: Licensee Practices in Administering Requalification Exams

- Schedule of operating tests (JPMs & scenarios) for week of June 20, 2011
- Operating tests (JPMs & scenarios) (password protected and provide separately via telephone at later date) to be given week of June 20, 2011
- List of licensed operators (SRO & RO) by crew (operating & staff)
- Training and Operations Department organization charts (with qualified LOR evaluators identified)
- All procedures that describe conduct of simulator training
- All Procedures used to test, operate, and maintain the simulator
- All Procedures that describe examination security, including guidelines on overlap between examinations in current exam cycle tests and prior year examinations
- List of all examination security problems since last NRC biennial licensed operator requalification program inspection

02.06: Licensee Feedback System

- Procedures that identify process for revising and maintaining licensed operator continuing training program up to date
- List of outstanding licensed operator requalification (LOR) program changes
- List of plant events and industry operating experience incorporated into LOR program since last NRC biennial requalification program inspection
- Audits and/or self-assessment reports addressing the licensed operator requalification training program

02.07: Licensee's Remedial Training Program

- List of remedial training conducted or planned since last biennial requalification written exam (includes training provided to operators to enable passing requalification exams and training provided to correct generic or individual weaknesses observed during previous requalification exam cycle)
- Remediation plans (lesson plans, reference materials, and attendance documentation)

02.08: Conformance with Operator License Conditions

- All Procedures and Program documentation for maintaining active operator licenses and ensuring medical fitness of licensed operators
- All Procedures and associated documentation that supports reactivation of any SRO/RO license (operating or staff crew) since the last NRC biennial licensed operator requalification program inspection

B. The following information is requested in order to support the onsite inspection activities. Requested materials should be available to the inspection team, either electronically or hardcopy, upon site arrival on June 20, 2011.

02.04: Licensee Requalification Exams / 02.09: Written Exam and Operating Test Results

- All Operating tests (JPMs & scenarios) to be given in all subsequent weeks after onsite week

02.08: Conformance with Operator License Conditions

- Access to licensed operators' records (operating and staff crews)
- Access to licensed operators' training attendance records
- Access to licensed operators' medical records

02.11: Conformance with Simulator Requirements Specified in 10 CFR 55.46

- Simulator discrepancies (DR's) from June 30, 2009 to June 1, 2011. This should include all open DR's and DR's that have been closed, including the documentation/justification for closure.
- Acceptance test documentation, including hardware and software model revisions at the time of acceptance (as available).
- Documentation that validates current models, including the thermal-hydraulics and neutronics models, to the actual plant.
- All current model deficiencies, including FSAR vs Design differences in the simulator (any documentation on this)
- Summary list of modifications from June 30, 2009 to June 1, 2011.
- Plant Modifications (both hardware and software) completed on the Simulator by due date from June 30, 2009 to June 1, 2011.
- Simulator Differences Lesson plan used in training (current to June 20, 2011).
- The complete book of all Simulator annual performance test packages (usually in a single book, but may be electronic or in single test packages), complete with all transient tests, steady state tests, and malfunction tests. This should also include the test procedures for each test, the acceptance criteria, and results. For each transient test, the reference chart should be included or an equivalent subject matter expert review versus the simulator results with a write-up for any differences beyond the ANSI standard requirements.
- All test packages used to verify core physics parameters (such as MTC, IRW). The applicable reference graphs from the Plant physics data book (electronic or other means as available) should also be included as well as the test procedures used and the acceptance criteria with results.
- All Simulator test, configuration management, and related documents available in the room for inspectors to review. This includes training needs analysis packages, simulator review committee meeting minutes, etc.
- All Simulator Management and Configuration Procedures.
- Simulator security procedure(s)
- Current copy of ANSI 3.5 standard you are committed to for Simulator testing.