

May 28, 2008

MEMORANDUM TO: William F. Burton, Chief
Environmental Projects Branch 1
Division of Site and Environmental Reviews
Office of New Reactors

FROM: H. Brent Clayton, Chief /**RA**/
Environmental Technical Support Branch
Division of Site and Environmental Reviews
Office of New Reactors

SUBJECT: TRIP REPORT – APRIL 1-3, 2008, READINESS ASSESSMENT (C-2
AND C-3) VISIT FOR A COMBINED LICENSE APPLICATION AT THE
CALLAWAY NUCLEAR PLANT SITE

This report summarizes the staff's April 1 to 3, 2008, pre-application/readiness assessment (C-2 and C-3) visit related to the environmental portion of a future combined license (COL) application for the Callaway Nuclear Plant site. AmerenUE has indicated its intent to submit a COL application for this site. AmerenUE selected the Evolutionary Power Reactor design for the proposed new nuclear station.

The purpose of this visit was to assess the applicant's readiness and its progress toward submitting a COL application by reviewing AmerenUE's draft environmental report (ER) and visiting the alternative sites. The visit took place at the site, located in Callaway County, Missouri, approximately ten miles southeast of the town of Fulton. In addition, the U.S. Nuclear Regulatory Commission (NRC) staff visited alternative sites in Osage, Randolph, and Lincoln Counties, Missouri. Enclosure 1 provides a list of attendees. Enclosure 2 is the agenda used during the visit. Enclosure 3 is a summary of the more significant issues that were discussed and, Enclosure 4 lists representatives from various civic and local government organizations with whom the staff met on April 2 and 3. Note that this assessment was conducted a few months prior to the applicant's planned COL application date and the staff did not expect the ER to be fully developed at this stage. Furthermore, the applicant was aware of, and informed the NRC staff of many of the issues described in Enclosure 3. In summary, the staff did not identify any issues related to the ER that would indicate it would not be ready by the planned date of application. However, this was not a formal or comprehensive staff review and additional issues could be identified during the staff's formal review after the application is submitted.

The staff is planning a public outreach meeting on a date yet to be determined.

Project No.: 750

Enclosures: As stated

CONTACT: Andrew Kugler, NRO/DSER/RAP2
(301) 415-2828

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Distribution:

JColaccino AKugler ERodriguez-Cruz MSackschewsky, PNNL
Hickey, PNNL

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|--------|------------------|------------------|------------------|
| OFFICE | PM:DSER:RAP2:NRO | LA:DSER:RAP2:NRO | BC:DSER:RENV:NRO |
| NAME | AKugler | ARedden | HBClayton |
| DATE | 05/ /08 | 05/21/08 | 05/28/08 |

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List of Attendees – Callaway C-2 and C-3 Readiness Assessment Visit
 Location: Callaway Nuclear Plant Site, Callaway County, Missouri
 April 1 - 3, 2008

| Name | Affiliation |
|-----------------------|--|
| Andy Kugler | U.S. Nuclear Regulatory Commission (NRC) |
| Elaine Rodriguez-Cruz | NRC |
| Sikhindra Mitra | NRC |
| Nancy Kuntzleman | NRC |
| Paul Kallan | NRC |
| Bruce Olson | NRC |
| Mike Sackschewsky | Pacific Northwest National Laboratory (PNNL) |
| Tom Secrest | PNNL |
| Mike Fayer | PNNL |
| Jeff Ward | PNNL |
| Bob Fellows | PNNL |
| Nikki Sather | PNNL |
| Dave Anderson | PNNL |
| Donna Hostick | PNNL |
| George Wrobel | Unistar |
| Steve Strout | Unistar |
| John Tyman | Unistar |
| Jim Friels | Unistar |
| David Shafer | AmerenUE |
| Susan Klang | AmerenUE |
| Rich Lutz | AmerenUE |
| Steve Meyer | AmerenUE |
| Scott Bond | AmerenUE |
| Paula Johnson | AmerenUE |
| Jamie Dillon | Ameren NGD |
| Rick Rice | Ameren NGD |
| Pat Cryderman | Ameren NGD |
| Brian Holderness | AmerenUE |
| Michele Sebacher | AmerenUE |
| Surupa Abraham | AmerenUE |
| Travis Hart | AmerenUE |
| David Waller | AmerenUE |
| John Cassmeyer | AmerenUE |
| Tom Grothe | AmerenUE |
| Bruce Huhmann | AmerenUE |
| Al Passwater | Ameren Consultant |
| Neal Slaten | Ameren Consultant |
| Jason Eichenberger | Burns & McDonnell |
| Steve Stumme | Mactec |
| Sam McCord | Mactec |
| Bill Elzinga | Mactec |
| Lori Gross | Paul C. Rizzo Assoc. |

List of Attendees – Callaway C-2 and C-3 Readiness Assessment Visit
Location: Callaway Nuclear Plant Site, Callaway County, Missouri
April 1 - 3, 2008

| Name | Affiliation |
|------------------|----------------------|
| Jessica Friedman | Paul C. Rizzo Assoc. |
| Fehmida Mesania | Paul C. Rizzo Assoc. |
| Robert Halden | Paul C. Rizzo Assoc. |
| Melissa Dubinsky | Paul C. Rizzo Assoc. |
| Mel Koleber | Paul C. Rizzo Assoc. |

Callaway C-2 and C-3 Environmental Review Meeting Agenda
April 1 - 3, 2008

April 1, 2008 (C3)

- 0800-0830 Welcome and Introductions – Callaway Unit 2 overview presentation
- 0830-0900 Breakout session – individual presentations
- 0900-1200 Review documents, discussion, field trips if necessary
- 1200-1230 Lunch
- 1230-1600 Review documents, discussion
- 1600-1630 NRC/PNNL personnel internal discussions and reporting
- 1630-1700 NRC/PNNL debriefing with Callaway personnel

April 2, 2008 (C3)

- 0800-1200 Resume documents review, discussion
- 1000-1100 [if needed, AREVA personnel standing by for SAMDA/PRA questions]
- 1200-1230 Lunch
- 1230-1315 NRC/PNNL personnel internal discussions and reporting
- 1315-1400 NRC/PNNL debriefing with Callaway personnel & lunch

April 2, 2008 (C2)

- 1400-1600 Travel to Chamois (alternate site)
- 1600-1700 Review Chamois site
- 1700-1830 Travel to Columbia/Moberly

April 3, 2008 (C2)

- 0800-0900 Travel to Thomas Hill (alternate site)
- 0900-1030 Review Thomas Hill site
- 1030-1300 Travel to Quarry site (near Louisiana, MO) and lunch
- 1300-1430 Review Quarry (alternate site)
- 1430-1500 Wrap-up discussions
- 1500-1630 Travel to St. Louis airport

Callaway Readiness Assessment Visit (C-2 and C-3)
Contacts With Civic and Local Government Organizations
April 2 - 3, 2008

| Contact Name | Position | Organization |
|---------------------|-------------------------------|--|
| Lee Fritz | Presiding Commissioner | Callaway County |
| Donald Kritzer | Associate Commissioner | Callaway County, Western District |
| Gabe Craighead | Associate Commissioner | Callaway County, Eastern District |
| Bruce Hackman | President | Fulton Area Development Corporation |
| Nancy Lewis | Executive Director | Kingdom of Callaway Chamber of Commerce [Fulton] |
| Don Laird | President | Columbia Chamber of Commerce |
| Robert Simpson | Middle School Principal | Southern Boone County Middle School [Ashland] |
| Randy Allen | President | Jefferson City Chamber of Commerce |
| Missy Bonnot | Director Economic Development | Jefferson City Chamber of Commerce |

Meetings with these contacts were conducted by Paul Kallan (U.S. Nuclear Regulatory Commission), Tom Secrest (Pacific Northwest National Laboratory; PNNL), and Donna Hostick (PNNL).