

April 28, 2011

MEMORANDUM TO: Edwin M. Hackett, Executive Director
Advisory Committee on Reactor Safeguards

FROM: David B. Matthews, Director */RA/*
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: COMANCHE PEAK NUCLEAR POWER PLANT, UNITS 3 AND 4
COMBINED LICENSE APPLICATION - SAFETY EVALUATION WITH
OPEN ITEMS FOR CHAPTER 5, "REACTOR COOLANT AND
CONNECTING SYSTEMS"

By letter dated September 19, 2008, as supplemented by letters dated November 4, 5, 6, and 10, 2008, and December 18, 2008, Luminant Generation Company LLC (Luminant) and Comanche Peak Nuclear Power Company, LLC submitted its application to the U.S. Nuclear Regulatory Commission (NRC) for a combined license for two United States - Advanced Pressurized Water Reactors.

Based on our review of the application, the NRC staff is providing the Advisory Committee on Reactor Safeguards (ACRS) its Safety Evaluation (SE), with Open Items for Chapter 5, "Reactor Coolant and Connecting Systems," (Agencywide Documents Access and Management System (ADAMS) Accession Number ML111101594). Unless otherwise stated in the SE, the NRC staff's review was based on Revision 1 of the COL application, which was submitted on November 20, 2009. The SE is being provided to support a meeting of the subcommittee of the ACRS scheduled for May 27, 2011. The ACRS Full Committee meeting will be held after the subcommittee meeting.

The staff has reviewed the Memorandum to the Executive Director of Operations dated February 17, 2010, and reviewed our submitted information against the categories that the ACRS requested to be used to highlight information for review by the Committee. Our assessment of this chapter is that there are no items that meet the categories for discussion with the Committee.

The NRC staff concludes that the SE does not contain any information exempt from public disclosure. However, the NRC staff will withhold the SE from public disclosure for ten business days to allow Luminant the opportunity to verify the NRC staff's conclusion that the SE contains no such exempt information. Therefore, the NRC staff requests that the ACRS withhold the SE from public disclosure until it has been released publicly in ADAMS.

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E. Hackett

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The NRC staff will inform the ACRS immediately if Luminant requests that any of the information in the SE be withheld from public disclosure.

Docket Nos. 52-034 and 52-035

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Docket Nos. 52-034 and 52-035

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