



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
ADVISORY COMMITTEE ON NUCLEAR WASTE AND MATERIALS
WASHINGTON, DC 20555 - 0001**

April 23, 2008

MEMORANDUM TO: Luis A. Reyes
Executive Director for Operations

FROM: Frank P. Gillespie, Executive Director **/RA/**
Advisory Committee on Reactor Safeguards
Advisory Committee on Nuclear Waste & Materials

SUBJECT: ACRS REVIEW OF POWER UPRATES

During the 551st meeting of the Advisory Committee on Reactor Safeguards, April 10-12, 2008, the Committee discussed the potential cumulative impact of multiple power uprates on reactor safety. The ACRS threshold of five percent for reviewing power uprates is silent on these reviews. The October 9, 2003 memorandum from John T. Larkins, Executive Director, ACRS, to James E. Dyer, Director, Office of Nuclear Reactor Regulation; states the following:

The Committee agrees with the additional amplifying criteria provided in the September 16, 2003, memo for Committee involvement in power uprates reviews. Your staff will continue to notify the Committee of all power uprate requests above five percent. However, when the staff believes that the license amendment request is not complex and does not involve important changes or potentially higher impacts to the plant, the staff will describe the proposed changes in its recommendation that the Committee not become involved in the licensing review. For power uprate requests of less than five percent, if the uprate request does involve important changes to the plant or potentially higher impacts, or if it presents novel issues that the staff believes might benefit from Committee participation, then the staff will inform the Committee and invite it to participate in the review.

The Committee requests the opportunity to review any power uprate amendment, regardless of the level of the individual amendment, which would result in a cumulative power increase greater than 7 percent of the original licensed thermal power.

References:

Memorandum from John T. Larkins, Executive Director, ACRS, to James E. Dyer, Director, Office of Nuclear Reactor Regulation; Subject: Kewaunee Nuclear Power Plant – Advisory Committee on Reactor Safety Review of Stretch Power Uprate Amendment (TAC No. MB9031), dated October 9, 2003

CONTACT: Girija S. Shulka, ACRS
301-415-6855

Memorandum from Ledyard B. Marsh, Director, Division of Licensing Project Management, Office of Nuclear Reactor Regulation, to John T. Larkins, Executive Director, ACRS, Subject: Kewaunee Nuclear Power Plant – Advisory Committee on Reactor Safety Review of Stretch Power Uprate Amendment (TAC No. MB9031), dated September 16, 2003.

cc: A. Vietti-Cook, SECY
V. Ordez, OEDO
D. Diaz-Toro, OEDO
J. Mitchell, RES
J. Wiggins, NRR
C. Haney, NRR
B. Boger, NRR
C. Burkhalter, NRR
J. Grobe, NRR
M. Kenna, NRO

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* See previous concurrence

OFFICE	ACRS	ACRS	ACRS/SUNSI	ACRS/ACNW&M
NAME	ZAbdullahi	GShulka for CSantos	GShulka	FGillespie
DATE	04/15/08	04/16/08	04/16/08	04/23/08

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