



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

January 12, 2009

Mr. Richard L. Anderson
Vice President
Duane Arnold Energy Center
3277 DAEC Road
Palo, IA 52324-9785

SUBJECT: DUANE ARNOLD ENERGY CENTER – REQUEST FOR ADDITIONAL
INFORMATION PERTAINING TO A LICENSE AMENDMENT REQUEST TO
REVISE THE 4160 VOLT BUS UNDERVOLTAGE (DEGRADED VOLTAGE)
MAXIMUM ALLOWED VALUE (TAC NO. MD8950)

Dear Mr. Anderson:

The Nuclear Regulatory Commission (NRC) staff is reviewing your application dated May 30, 2008, as supplemented by letter dated September 10, 2008, for the subject amendment. On November 28, 2008, the NRC staff transmitted a draft Request for Additional Information (RAI) and discussed the draft RAI with your staff in a conference call on January 9, 2009.

Enclosed please find the final RAI, which is identical in content to the draft RAI. Your staff agreed that you can provide your response by January 22, 2009. Please feel free to contact me at 301-415-3079 if you need further clarification of the RAI.

Sincerely,

A handwritten signature in cursive script that reads "Karl D. Feintuch".

Karl D. Feintuch, Project Manager
Plant Licensing Branch III-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-331

Enclosure:
Request for Additional Information

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REQUEST FOR ADDITIONAL INFORMATION
RELATED TO THE REVISION OF THE 4160 VOLT BUS
UNDERVOLTAGE (DEGRADED VOLTAGE) MAXIMUM ALLOWED VALUE
(TAC NO. MD8950)
DUANE ARNOLD ENERGY CENTER
DOCKET NO. 50-331

By application dated May 30, 2008, (Agencywide Documents Access Management System (ADAMS) Accession No. ML081630205), as supplemented by letter dated September 10, 2008, (ADAMS Accession No. ML082600523), FPL Energy Duane Arnold, LLC proposed to change the maximum allowable value for the 4160-volt emergency bus undervoltage relays. The NRC staff's review of that application is ongoing, and has generated the following two questions for your response:

1. Provide excerpts from documents which explain that the emergency bus voltage will recover to 95.5% (upper analytical value of degraded voltage relay) following the worst-case design-basis accident. Confirm whether the worst-case scenario is when the maximum safety-related loads are fed from the standby transformer, whose tap setting was changed to get the transformer secondary voltage by approximately 2.8% (according to the Licensee Event Report No. 2007-10-00 dated January 29, 2008).
2. Provide the minimum switchyard voltage value and its basis assumed in the above requested document.

Enclosure

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/RA/

Karl D. Feintuch, Project Manager
Plant Licensing Branch III-1
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ADAMS ACCESSION NUMBER: ML090090416

OFFICE	NRR/LPL3-1/PM	NRR/LPL3-1/LA	NRR/LPL3-1/BC
NAME	KFeintuch	BTully	LJames
DATE	01/12/09	01/12/09	01/12/09

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