

SEP 20 1988

Docket No. 50-412

Mr. J. D. Sieber, Vice President
Nuclear Group
Duquesne Light Company
Post Office Box 4
Shippingport, PA 15077

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Dear Mr. Sieber,

SUBJECT: BEAVER VALLEY UNIT 2 - ENRICHMENT LIMITATION I SPENT FUEL POOL
(TAC 69300)

By letter dated August 30, 1988, you submitted a request for amendment regarding increasing fuel enrichment limits in the spent fuel pool. Our review of your request is ongoing.

In order to complete our review, the additional information described in the enclosure is needed. Please respond within 45 days of receipt of this request.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

original signed by

Peter S. Tam, Senior Project Manager
Project Directorate I-4
Division of Reactor Projects I/II

Enclosure:
As stated

cc w/enclosure:
See next page

LA: PDI-4
SNorris
09/20/88

PM: PDI-4
PTam: cb *PST*
09/20/88

D: PDI-4
JStolz *PTam for*
09/20/88

DF01
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8809230098 880920
PDR ADOCK 05000412
P PNU

Mr. J. Steber
Duquesne Light Company

cc:

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Beaver Valley Power Station
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Director, Pennsylvania Emergency
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Post Office Box 3321
Harrisburg, Pennsylvania 17105-3321

REQUEST FOR ADDITIONAL INFORMATION
BEAVER VALLEY UNIT 2 SPENT FUEL POOL ENRICHMENT INCREASE
(TAC 69300)

1. Describe the fabrication process for the Boraflex assemblies. Indicate whether a single sheet or multiple sheets of Boraflex were used in each poison assembly. Also, indicate whether or not the Boraflex sheets are fastened to or permanently glued onto any surface or structure.
2. Describe the measuring techniques for detecting degraded Boraflex specimens in the inservice surveillance program.
3. Describe the corrective actions to be taken if degraded Boraflex specimens or absorber is found in the spent fuel pool.
4. Describe how the sub-region of Region 1 which can presently store fuel up to 3.6 weight percent U-235 with no physical restrictions will be distinguished and separated from the sub-region of Region 1 which will store fuel with enrichments higher than 3.6 weight percent in a 3 out of 4 configuration.
5. In order to prevent fuel loading errors in spent fuel pools with storage configuration restrictions, the staff has previously requested physical blockage of storage locations which are prohibited from containing any fuel. Please discuss the acceptability of physically blocking the 4th cell in each 3 out of 4 cell array in Region 1 rather than relying solely on administrative procedures to prevent misloadings.
6. What is the reactivity effect of neglecting the axial and radial distributions of burnup in the Region 2 fuel assemblies?
7. Discuss any procedures or physical restraints which require the movement of fuel to non-burnup dependent locations before movement to burnup dependent racks.
8. Should revised Tech Spec 5.6.1 refer to the UFSAR rather than the FSAR?