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Office of Nuclear Reactor Regulation, Director (Post 870411

SUBJECT: Forwards ANF-88-054(P), "PDC-3:ANFC Power Distribution Control for PWR & Application of PDC-3 to...."

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See Subj ANF-88-054(P)

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June 18, 1990
RAC:066:90

Director of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Mail Station P1-137
Washington, D. C. 20555

Dear Sir:

Transmittal of ANF-88-054(P) for NRC Generic Review

Reference: ANF-88-054(P), "PDC-3: Advanced Nuclear Fuels Corporation Power Distribution Control for Pressurized Water Reactors and Application of PDC-3 to H. B. Robinson Unit 2", Advanced Nuclear Fuels Corp., July 1988.

Enclosed are 25 copies of the referenced topical report for generic review by the NRC. The PDC-3 methodology for power distribution control is described in the referenced topical report. This methodology can be used for all cycles and will support a variety of symmetric and asymmetric axial offset bands. As I discussed with Mr. R. Jones of the Core Performance Branch, this report has already been reviewed for the H. B. Robinson Unit 2 plant specific application. It is our intent to submit the methodology in the report for generic acceptance and use the H. B. Robinson Unit 2 application as an example of how ANF would apply the methodology for other reactors (i. e., how to establish the V(z) curve and the appropriate restrictions on a reactor specific or even a cycle specific basis).

This report contains information which ANF considers to be proprietary. Therefore, in accordance with the requirements of 10 CFR 2.790(b), an affidavit is enclosed which provides the necessary information to allow withholding of this document from public disclosure.

If there are questions, or if any additional information is needed, please contact me.

Very truly yours,

R. A. Copeland
Manager, Reload Licensing

/skm
cc: Mr. R. C. Jones
Mr. H. J. Richings
Mr. L. E. Phillips

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