

ADVANCED NUCLEAR FUELS CORPORATION

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**FUEL ENGINEERING &
TECHNICAL SERVICES**

September 13, 1988
RAC:058:88

Mr. M. W. Hodges, Chief
Reactor Systems Branch
Division of Engineering and System Technology
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Hodges:

Subject: Void History Correlation

As we discussed in our telephone conversation of September 9, 1988, Advanced Nuclear Fuels is modifying the form of the correlation used to fit the XFYRE cross section output for the XTGBWR calculations. Attached for your information is a proprietary description of the correlations. As shown in the attachment, the change in the correlation form is needed to retain the same degree of accuracy in the fit at higher burnups as the previous form provided at lower exposures.

Please contact me if there are questions, or if further information is needed.

Sincerely yours,

Bob Copeland

R. A. Copeland
Manager, Reload Licensing

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Attachment

cc: Mr. D. Fieno (NRC)

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