



September 30, 1996
JHT/96-64

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Subject: Submittal of Topical Report BAW-10199P, Addendum 1, The
BWU Critical Heat Flux Correlations, September 1996.

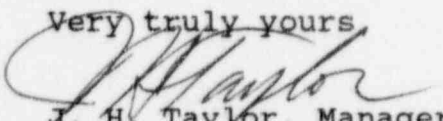
Gentlemen:

Enclosed are 15 copies of topical report BAW-10199P, Addendum 1, The BWU Critical Heat Flux Correlations. This addendum demonstrates the applicability of the NRC approved BWU-Z CHF correlation to the Mark-B11 spacer grid design and the Mark-BW17 fuel design with mid-span-mixing grids. The test data that provide the basis for the extensions of the correlation are also provided.

Approval of this addendum is required to support safety analysis calculations for reload fuel for Duke Power's Oconee Units and the lead test assemblies for North Anna Unit 1. In order to support the schedule for these units, approval is requested by January 31, 1997.

In accordance with 10CFR2.790, it is requested that this report addendum be considered proprietary. An affidavit supporting this request, signed by J. H. Taylor, Manager, Licensing Services, was included with the December 16, 1994 submittal of BAW-10199P. In accordance with NUREG-0390, three additional copies of the report are attached in which the proprietary material has been identified. Material enclosed in hand written brackets in these three reports is to be considered proprietary to FCF.

Very truly yours,


J. H. Taylor, Manager
Licensing Services

cc: R. C. Jones, NRC
L. E. Phillips, NRC
T. L. Huang, NRC
R. B. Borsum

9610090326 960930
PDR TOPRP EMVBW
C PDR

090013

3315 Old Forest Road, P.O. Box 10935, Lynchburg, Virginia 24506-0935
Telephone: 804-832-3000 Fax: 804-832-3663

TOPRP

RD-8-2 B&W
X RD-8-2 Framatome
1007
1/18

cc: J. B. Andrews
G. A. Meyer
G. E. Hanson
B. J. Delano
C. F. McPhatter
D. A. Farnsworth
R. L. Harne
F. J. Coppola