



Integrated Nuclear Services

October 7, 1996  
JHT/96-75

Document Control Desk  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Subject: LBLOCA/Mixed Core

Reference: Letter (JHT/92-248) to NRC Document Control Desk from J. H. Taylor (BWNT), dated November 10, 1992, Subject: Submittal of Topical Report BAW-10168P, Rev. 2, "RSG LOCA, BWNT Loss-of-Coolant Accident Evaluation Model for Recirculating Steam Generator Plants, October 1992."

Gentlemen:

This letter confirms FTI's commitment to determine mixed core effects and a mixed core penalty (where warranted) in plant licensing applications of its Large Break LOCA (LBLOCA) evaluation model (BAW-10168, Revisions 2 and 3) when the core is composed of different fuel types. A mixed core examination is application specific. Investigation methods can vary widely and are not suited for generic classification. Generally, differences between fuel assemblies are established and evaluated for adverse impact on the single fuel-type transient analysis of each fuel. If no significant impacts are noted, no mixed core penalty is assigned. If mixed core differences do exist, additional work is performed to quantify the penalty. A summary of the mixed core work product and justification of its results have been, and will continue to be, contained in the plant-specific LOCA application documents.

If you have any questions, please call me at 804/832-2817 or Mr. John Biller at 804/832-2600.

Very truly yours,

*J. H. Taylor/bcc*

J. H. Taylor, Manager  
Licensing Services

9611150253 961007  
PDR TOPRP EMVBW  
C PDR

JHT/bcc

c:	F. R. Orr	-	Nuclear Regulatory Commission
	J. R. Biller	-	Framatome Technologies/OF53
	R. B. Borsum	-	Framatome Technologies/MD82

130121

108rep

RD-8-2/Framatome