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U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Guide Thimble Parameters in BAW-10239(P)(A), Revision 0, "Advanced Mark-BW Fuel Assembly Design Topical Report"

Ref. 1: BAW-10239(P)(A), Revision 0, "Advanced Mark-BW Fuel Assembly Design Topical Report," July 2004.

The topical report BAW-10239(P)(A), Revision 0, was reviewed and approved by the NRC in July of 2004 (Reference 1). The report contains typographical errors in one of the tables.

Table 3.4 of Reference 1 (and the associated (NP)(A) version) provides guide thimble parameters for Mark-BW and Advanced Mark-BW fuel assemblies. Inside and outside diameters for both the main tube (top) and dashpot (bottom) are provided. Values of the top inside diameter and bottom outside diameter were transposed. The attached page contains the corrected information.

The typographical errors exist only in the noted table and do not affect any of the results presented in the topical report. All other references to these diameters in the remainder of the topical report are correct.

This letter is provided for information only and does not require the NRC's review and approval or response.

If you have any questions related to this letter, please contact Ms. Gayle F. Elliott, Product Licensing Manager at 434-832-3347 or by e-mail at gayle.elliott@areva.com.

Sincerely,

A handwritten signature in cursive script that reads "Ronnie L. Gardner".

Ronnie L. Gardner, Manager
Corporate Regulatory Affairs
AREVA NP Inc.

Enclosure

cc: H.D. Cruz
Project 728

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**Table 3.4 Comparison of Advanced Mark-BW and Mark-BW
 Guide Thimble and Instrument Sheath Parameters**

Parameters	Mark-BW	Advanced Mark-BW
Guide Thimble Parameters		
Tube Material	M5 Alloy or RXA Zircaloy-4	M5 Alloy
OD (top), in	0.482	0.482
OD (bottom, dashpot), in	0.450 0.429	0.450 0.429
ID (top), in	0.429 0.450	0.429 0.450
ID (bottom, dashpot), in	0.397	0.397
Wall thickness (top and bottom), in	0.016	0.016
Instrument Tube Parameters		
Material	RXA Zircaloy-4 or M5	M5
OD, in	0.482	0.482
ID, in	0.450	0.450