



# Duratek™

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71-9001

21 October 2002  
E&L-052-02

Mr. David H. Tiktinsky, Project Manager  
Licensing Section  
Spent Fuel Project Office  
Office of Nuclear Material Safety and Safeguards, NMSS  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

References: 1. June 24, 2002 Response to Request for Additional Information for Model No. IF-300, CoFC No. 9001  
2. February 4, 2002 submittal to E. William Brach, US NRC from M. Whittaker, Duratek  
3. August 26, 2002 submittal to E. William Brach, US NRC from P.L. Paquin, Duratek

Dear Mr. Tiktinsky:

**Subject: Result of September 30 Meeting Concerning the Model No. IF-300, CoC No. 9001**

As a result of the meeting with you and other NRC staff on 30 September, Duratek requests a modification to our previous requests for revision to the IF-300 CoC and SAR.

In our June 24 response to the RAI (Reference 1) resulting from our February 4 submittal (Reference 2), we revised our request to increase the assembly average burnup. Due to the issues subsequently raised and discussed on September 30, we request that you discontinue evaluation of the request to increase the burnup. Please appropriately discard Appendix E submitted in June (Reference 1), especially those pages that contain proprietary information. We may revise Appendix E to address the issues discussed in the September 30 meeting and resubmit it at a later date. However, we request that you continue with the evaluation of the other changes requested in our February 4 submittal (Reference 2). In addition, we request that you combine this evaluation with that of our August 26 submittal to increase the uranium mass per assembly (Reference 3).

We request completion of action on this request by December 2, 2002 to allow development of appropriate procedures and controls for use of the cask with the higher uranium content Group III PWR fuel from the H.B. Robinson Plant. The owner of the cask, CP&L, needs to ship Group III fuel from the H.B. Robinson Plant in early 2003 to maintain a prudent operating margin. This need stems from the U.S. Department of Energy's failure to begin taking spent fuel in 1998 as required by the Nuclear Waste Policy Act of 1982, as amended, and by its contracts with the nuclear utilities.

Should you or members of your staff have questions about the responses, please contact me at (803) 758-1898.

Sincerely,

Mark S. Whittaker, CHP  
Senior Analyst – Engineering and Licensing

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