

**From:** Diane Jackson , *NEL*  
**To:** Christopher Boyd, *RSS* Christopher Gratton, Edward Co...  
**Date:** Thu, Apr 22, 1999 9:16 AM  
**Subject:** Defense in Depth for spent fuel

I have a question I want to pose to everyone on Defense in Depth:

The ANSI/ANS standard endorsed by the staff in a RG for Part 72 says for defense in depth, the primary barrier is the clad and the secondary barrier is the water.

In talking to people regarding what part 50 considers a fission product barrier - the clad would be the only barrier for spent fuel. (This is important particularly in 50.59 space, the new risk-informed 50.59 would have words limiting changes to fission product barriers.)

What are the barrier(s) for spent fuel?  
Should this be decided later and at a higher level?  
Should we offer an opinion in our product?

Thanks,  
Diane

**CC:** George Hubbard, Phillip Ray, William Huffman

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