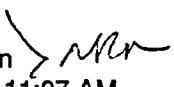



From: Steve Jones
To: Glenn Kelly; Mark Rubin 
Date: Monday, June 16, 2003 11:07 AM
Subject: Comments on DHS Spent Fuel Facility Commonalities and Vulnerabilities Report 

Glenn/Mark,

I haven't seen any other comments, so these may be redundant:

I.a. 2nd paragraph: After fuel assemblies have been used in the reactor for several operating cycles of 12 to 24 months each, the fuel assemblies no longer produce energy efficiently and are considered spent. At the end of each operating cycle, the portion of the fuel assemblies that are spent (typically one-third) are transferred to the spent fuel pool for interim storage and new fuel assemblies take their place in the reactor.

I.b. 2nd Paragraph: The spent fuel pools are typically rectangular structures 20 to 40 feet wide, 30 to 60 feet long, and at least 40 feet deep. The outside walls are typically constructed of greater than 3 feet of reinforced concrete.

II. 1st Paragraph: Spent fuel storage facilities are designed to withstand severe natural phenomena such as earthquakes, tornados, and hurricanes. Structural components are often made thicker than otherwise necessary to provide improved radiation shielding. As a result, the structures are robust and capable of protecting the stored fuel from extreme events including potential terrorist attacks.

Other brief comments discussed w/Glenn Kelly by phone.

Steve

>>> Mark Rubin 06/13/03 04:40PM >>>

Excellent comments. When you fix your goat, decide whether it is NUREG 1738 or 1438. Also include any input from Steve Jones by noon and then let's pass on to Suzie/Mike.

Thanks

>>> Glenn Kelly 06/13/03 04:32PM >>>

CC: David Solorio; John Hannon; Robert Palla

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