

From: Jason Schaperow . EES
To: Joseph Staudenmeier
Date: Thu, Dec 9, 1999 2:28 PM
Subject: Revised paragrap

Attached is my revised paragraph. I hope that it addresses your concerns.

12/9/99 I showed the attached para to Joe Staudenmeier
at 2:50 p.m. He said it was OK.

B/49

The *Preliminary Draft Technical Study of Spent Fuel Pool Accidents for Decommissioned Plants* stated that, following a complete loss of coolant, SFUEL results in support of GSI-82 indicate that the fuel assemblies with decay power density above 6 kw/Mt have the potential to self-heat to the point of releasing their fission products. (More dense racking than was assumed in the SFUEL analysis could result in a lowering of the 6 kw/Mt criterion.) Assuming that the highest burnup assembly is 40 Gwd/Mt, only the assemblies in the final core offload have decay power densities higher than 6 kw/Mt one year after final shutdown. For a full BWR spent fuel pool with 4200 assemblies, this corresponds to less than one-fifth of the assemblies in the pool.