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To: JZ <JAZWOL@aol.com>
Date: 9/13/96 7:24pm
Subject: SPENT FUEL POOLS

John:

An opinion from a concerned employee. When are you going to provide me with the analysis promised by Wayne Lanning on March 13, 1996?

>Fuel consolidation poses an incredible large and significant unreviewed
>safety question. The NRC issued NUREG-1353 in the mid 1980's that reported
>the results from postulated spent fuel pool accidents. The consequences
>were staggering, even though the NRC non-conservatively assumed that only
>1/3 of a reactor core inventory would be damaged in a spent fuel pool
>accident.

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>If the postulated accident is re-analyzed using the actual spent fuel pool
>inventory of considerably more than one reactor core, the consequences will
>increase (less than linearly due to decay, but still increase).

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>NUREG-1353 also DID NOT CONSIDER CONSOLIDATED SPENT FUEL STORAGE. It
>assumed that even if water level dropped or fuel pool cooling was lost, the
>'older' spent fuel would be adequately cooled through available heat
>transfer mechanisms (convection and natural circulation). Spent fuel
>consolidation blows that assumption out of the water (so to speak). To the
>best of my knowledge, these issues have not been addressed.

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>Just because we haven't yet established a repository for spent fuel should
>not be justification for filling the spent fuel pools solid.

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>It absolutely astounds me that we close our eyes to risk once the fuel is
>out of the reactor vessel. I hope we don't pay for being dumb (because the
>price tag for being this stupid is too high).

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