ATHENS, ALA. 35611

Sept 24, 1980

Chairman, Nuclear Regulatory Commission
1717 H St. NW
Washington, D.C. 20055

Dear Sir;

I question the safety design of the Brown's FErry Nuclear Plant in the following areas. Although I think some calculations about the dropping of a spent fuel bundle and breakage of same were made, I am concerned about the possibility of a plane crashing accidently or by terrorists, into the secondary containment with spent fuel outside the reactor. I think the dropped fuel accident assumes that the secondary containment remains intact. What if the plane came through the roof into the reactor core or into the spent fuel pool? I don't think the FSAR included this possibility or the possibility of a plane crash at the intake structure. Such a crash could possibly cut off all sources of cooling water with the exception of the condensate storage tanks. Of course a fire in the intake tunnel or building might possibly result in the dame cutoff. With all the redundancy and seperations of systems, I still don't understand why all the intake water pump wiring for all 3 units was routed through the same common tunnel. I know that temporary wiring and pumps could be installed on such an occasion. What I do not know is whether the design pressure of the primary containment is high enough to contain the pressure until such temporary measures were effected. Do you know?

Thank You,

George Smith

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