RE120203

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NFOO

February 16, 2002

Mr. Noel Dudley
U. S. Nuclear Regulatory Commission
Advisory Committee on Reactor Safeguards
Washington, D.C. 20555-0001

Dear Mr. Dudley:

I live 14 miles from Turkey Point and I have safety concerns about the continued operation of Turkey Point through the license renewal period. I will not be able to attend the public meeting on March 13, 2002 as I will be out of the country. I request that you inform the members of the ACRS of my safety concerns.

1. In the early eighties the licensee replaced steam generator lower assemblies in units 3 and 4. The assemblies were too big to fit through the existing doors so the doorways were widened. Voids, up to 4 feet in length, were discovered in the doorway. All indications I have seen, show that no further examinations for voids in the walls of the containment buildings were ever performed. I am concerned that thousands of voids in each building may exist. These voids may accelerate age related degradation by increasing internal surface area which may be subject to oxidation, hydration, crumbling, microbiotic action, and faulting. This degradation could also weaken the tendons, reinforcement rods, and the steel liner. As the plant ages, the structural strength of the buildings may be increasingly questionable in regard to an intentional terrorist air crash. Region II officials have been aware of this issue since June 2001 and have taken no action.

2. An unconfirmed story states that Hurricane Andrew, 1992, isolated Turkey Point for days. Diesel fuel for station power was only a few hours away from being exhausted when help finally arrived. Hurricane Andrew was a category 4 storm, not a category 5 maximum hurricane. I'm concerned that the single road servicing Turkey Point is easily blocked, a maximum storm could disable diesel generators, diesel storage tanks could be damaged, batteries could be insufficient or damaged, the electrical grid could be off line, or the site could run out of fuel. A category 5 hurricane would bring a higher storm surge, higher waves, and higher winds than those experienced in Andrew. Station blackout would be more likely.

3. The Turkey Point site, on the shore of Biscayne Bay, has been raised to 18 feet above sea level. A category 5 hurricane is likely to produce an 18 to 20 foot storm surge with storm waves superimposed on top of the surge. I'm concerned that hurricanes or terrorist air crashes could collapse the auxiliary building over the spent fuel pools. The concrete roof collapsing into the spent fuel pool would radically change the spent fuel geometry possibly initiating uncontrollable

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