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October 20, 2010

Department of the Army
Jacksonville District Corps of Engineers
1002 West 23rd Street, Suite 350
Panama City, Florida 32405-3648
ATTN; Panama City Regulatory Office

Chief Rulemaking and Directives Branch
Mail Stop: TWB-05-BO1M
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

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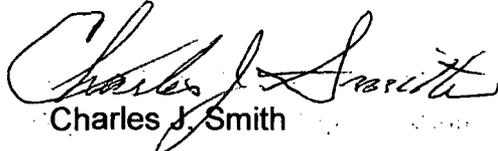
RULES AND DIRECTIVES
BRANCH
USNRC

Gentlemen:

We own the 5700 plus acres of property immediately to the east of the planned nuclear plant to be built by Progress Energy Corp. in Levy County, Florida. We are, therefore, very concerned about the potential contamination of our property and the surface and sub-surface waters thereon as we have already spent a great deal of time and expense to plan the future development of this property.

After the Crystal River Meeting, we developed a list of questions (attached) which we feel need to be addressed in order for us to develop a safe, healthy property.

Sincerely


Charles J. Smith

cc. Michael J. Seymour

SONSI Review Complete
Template = ADM-013

E-KIDS = ADM-23
Add = D. Brunner (dwb1)

1. What are the total levels of Tritium currently being produced from the existing Crystal River Plant?
2. What will be the total levels of Tritium produced from the new LNP site?
3. What is the amount of Tritium currently being discharged from the Crystal River Plant into the Gulf of Mexico?
4. What is the amount of Tritium that will be dispersed into the atmosphere at the Levy site?
5. What is the amount of Tritium currently being dispersed into the atmosphere from the Crystal River site?
6. Has there been any testing of the levels of Tritium in the surface soils of the open pasture surrounding the Crystal River Plant? If the answer is no, why have they not monitored the Tritium levels in the surface soils? If the answer is yes, what are the current readings?
7. What is the estimated amount of Tritium that will be produced at the new Levy County nuclear plant?
8. What type of monitoring devices will be used to determine the amount of Tritium produced at the Levy site?
9. Has there been any testing of the current levels of Tritium in the soils at the Levy site or testing of Tritium levels that might currently exist on the 5700 acre site known as the Robinson Tract, the neighbor to the East of the Levy site?
10. What is the amount of Tritium that will be discharged into the Gulf of Mexico from the new Levy nuclear reactors?
11. Since Tritium will be dispersed from both the Crystal River plant and the Levy plant, What is the amount of Tritium that might be brought back into the cooling waters to the new Levy plant?
12. Will there be monitoring wells on-site and on the 5700 acre Robinson property to monitor contamination and the amount and type of radiation that has been allowed to escape into the aquifer and surrounding water table?
13. Will there be any monitoring devices set up on the 5700 acre Robinson Tract to monitor possible new Tritium levels in the soils and wetlands on the property?
14. How far apart from each other will the monitoring wells to be located?
15. Regarding the discharge pipe that will be used to remove the treated cooling water to the Gulf of Mexico: will it be a double wall or single wall pipe?

16. The piping for the cooling water, will it be below ground or above ground in a vaulted system making inspection, maintenance and repair easier should leaks occur?
17. Has there been any upgrades performed on the cooling water piping at the Crystal River plant?
18. What is the amount of Tritium that will be in the cooling water as it leaves the nuclear reactors at the Levy site?
19. What is the standard for tritium contamination exposure allowed for the LNP? How does this compare to the current NRE standards?
20. Since the 5700 acre Robinson Tract will be affected by the draw down of fresh ground water used at the Levy site, will there be any monitoring devices used to determine the possible effects caused to the current wetlands on this site?
21. Is there any current testing of construction workers or employees at the Crystal River plant to determine if there is any increase of Tritium levels in their system?
22. Is there any plans to monitor the levels of Tritium or other possible contamination levels of workers and employees of the proposed LNP?
23. At one time Progress Energy proposed to planed to build a rail line from the LNP going East and North to bring in a special mixture of soil type that was only found in North Florida and Georgia. We were informed, this soil type was necessary for the stability and foundation strength of the new plant especially because, of the high water table on the site. Since this rail line has since been abandoned, how will Progress Energy bring in this special soil mixture to the LNP site?
24. If the soil for the foundation is not coming from North Florida and Georgia, will the soil used in its place still have the same compaction qualities and sand clay ratios of the Northern type soils?
25. Progress Energy has now determined they do not have a need for the neighboring East 5700 acre Robinson Tract property for wetland mitigation and future expansion. At the same time the current President of the United States has shown a great deal of interest in the use of alternative energy such as Solar Energy. If a viable plan for a Solar Power generated electrical facility could be shown to work on the 5700 acre Robinson Tract, would the NRC support the possibility of supplementing the anticipated needs of future electrical power from power generated from the use of Solar Technology?