

copy for Mr. Taylor

The Executive Director,
US Nuclear Regulatory Commission,
Washington, D.C.

Re: My 2.206 Petition on the Georgia Tech Reactor etc. May 18th, 1995

Dear Executive Director,

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1. With regard to the fact that Dr. Karam told me in the past that other universities use the reactor: let them find their own facilities. Besides, one can study nuclear engineering without having a reactor on the campus. It is my understanding that there is a possibility that the universities use the reactor for free, if so, it will be no financial loss the Georgia Tech if it is removed etc. Besides, finances should not influence human health and environmental contamination issues.
2. With regard to it being raised at the hearing that GWE had, and in my own conversations with Dr. Karam that one could do the medical/boron neutron capture stuff: There are no proper medical facilities for humans there at the reactor, getting severely ill/dying patients in and out of that dump in a decent and sanitary manner probably wouldn't work. It was not designed to have a vast medical staff, private patient areas, sterile patient areas (cancer patients obviously have seriously depressed immune systems and are vulnerable to all manner of secondary health problems and infections). Furthermore, according to the very latest research (see Science News April 22, 1995) in any radiation perhaps within 15 minutes of a patients exposure to the "radiation treatment" surrounding healthy tissue next to the cancer is damaged, scarred, ruined, and they must work on first finding a way to try and rectify that. It simply isn't properly outfitted to be a medical center.
3. With regard to the reactor /facility itself being a research reactor on a university campus: recent Associated Press reports detail that many university labs at northern universities in particular, have what an NRC inspector is quoted as a "cavalier" attitude regarding the radioactive material they handle. I would like NRC to check out all the lab facilities at the reactor and on campus for similar problems, and not just at Georgia Tech, but at all other Georgia labs/facilities even hospitals, which fall under NRC jurisdiction. The northern colleges mentioned were Boston College, Harvard, Brandeis, UMass-Amherst.
4. With regard to earthquake information in the southeast which could affect the Tech reactor (and power reactors): recently there was one 10 miles northwest of Charleston SC with a magnitude of 3.9, there was also one measuring 4.1 in 1992 which was felt 100 miles away in Augusta. This recent earthquake was centered near the epicenter of the catastrophic 1886 earthquake which killed 110 people. I told you in earlier correspondence a Charleston one is overdue. This recent one is the 5th earthquake recorded in the area this year according to a detailed report in "Alternatives" May 1995, p. 8.
5. **THE COBALT -60 IN THE REACTOR AREA/POOL IS PART OF WHAT IS DONE AT THE REACTOR, WHETHER OR NOT THE STATE LICENCES IT. DR. KARAM TOLD ME HIMSELF BY PHONE IN THE PAST WHEN I WAS ARGUING THE POINT THAT HE NEEDED "ALL OF IT" NRC should stop tap-dancing around that.**
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7. With regard to the issue of Terrorism which I have raised concerning the Olympics (or even absent the Olympics) I have been informed by Mr. Mendonca that NRC probably won't even consider that part of my petition right now, but will look at it after the Administrative Judges have made some ruling in the GANE petition. But it SHOULD also be looked at now, even absent the Olympics. **no terrorist is going to come up and tell anyone what they are going to do in advance, as I told the FBI man at the meeting with him and the NRC.** I have a suspicion that everyone at the NRC lives in an ivory tower on this issue after having read their rulemaking on upgrades in case of vehicle bomb attacks. The other day, I sent my husband out to go to the nearest store and grab ANY of those gun magazines they love to sell. I suggest you do the same as what is in them is stomach churning and quite terrifying. For one thing, it seems you can buy books that show you how to build your own claymore mines, your own weapons your own mortars etc. etc. easily, in your own backyard. This is truly awful. I also phoned a huge gun dealer to ask about weapons fired from distances and penetration power of such weapons and did other research. The bottom line is, you could have the entire US Armed Forces surrounding the reactor/cobalt-60/cesium-137, a mile deep and some crack-pot could take it out (as the gun dealer phrased it) from a few miles away, no problem...Now this is absolutely awful. It would be terrible at a power reactor too, fortunately they are often a bit of a distance from heavily populated areas (though not always) and in case of accident/terrorism etc. one might be able to save a few poor souls, but, (for the millionth time) this reactor is on a campus in the heart of a city with now, about a million visitors coming in for the Olympics. Atlanta can't handle what it has now, and went potty when about 200,000 students came to Atlanta recently, God knows what they'll do when the Olympics gets here. Even WORSE, tonight, on the local news, (Channel 5, WAGA Atlanta) was a major report on a man and his girlfriend, whom police arrested for having a pipe bomb in his car after stopping him for another reason, and when they searched his home, they found an arsenal of weapons making equipment and munitions and 360 degree photos of a military facility and now he is booked on suspicion of terrorism charges. Ask the FBI. I mean, this

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By Ed. K598
Russell
Cyr Taylor
Hickman
Thompson
Cyr
Ehler
Lubman
Papanicolaou
Harrison



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D23 Golden Valley, Douglasville, GA 30134

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Mr. James Taylor,
The United States Nuclear Regulatory Commission,
Washington, D.C. 20555



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