

EDO Principal Correspondence Control

FROM: DUE: / /

EDO CONTROL: G20010121
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FINAL REPLY:

Pamela Blockley-O'Brien
Douglasville, Georgia

TO:

Chairman Meserve

FOR SIGNATURE OF :

** GRN **

CRC NO: 01-0180

DESC:

ROUTING:

Dangers of Storing Radioactive Spent Fuel at Sites

Travers
Paperiello
Kane
Norry
Reiter
Craig
Burns
Collins, NRR
Lohaus, STP
Miller, IRO
Regions
Cyr, OGC

DATE: 03/29/01

ASSIGNED TO:

CONTACT:

NMSS

Virgilio

SPECIAL INSTRUCTIONS OR REMARKS:

For Appropriate Action.

OFFICE OF THE SECRETARY
CORRESPONDENCE CONTROL TICKET

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ACTION OFFICE: EDO

AUTHOR: PAMELA O-BRIEN
AFFILIATION: GA
ADDRESSEE: RICHARD MESERVE
SUBJECT: THE CRIMINAL INSANITY OF STORING DEADLY RADIOACTIVE SPENT FUEL--
WITH A SHELF LIFE OF HALF A MILLION YRS PLUS- ETC;

ACTION: Appropriate
DISTRIBUTION: CHAIRMAN, COMRS, OGC

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DATE DUE: DATE SIGNED:

EDO --G20010121



PAMELA BLOCKEY-O'BRIEN, D23 GOLDEN VALLEY
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The Commission Chairperson,
Office of the Commissioners,
U.S. Nuclear Regulatory Commission,
Washington, D.C. 20555

March 19th, 2001

TO Whom It May Concern,

Re: The criminal insanity of storing deadly radioactive
spent fuel - with a shelf life of half a million years
plus - OUTSIDE at nuclear power plants in cement casks,
a prime terrorist target if there ever was one.

I have long argued to the NRC, that it is outrageous to store deadly, high level radioactive waste in the form of so-called "spent fuel" outside on cement pads next to power plants, just because the utilities are so greedy they want to keep their aged dumps of nuclear power plants operating and their spent fuel pools are packed full and even re-racked. Consider this: according to information concerning the HOLTEC casks in a presentation paper by a fellow called Andrew Kadak, the MPC plus cement over-pack is 29 $\frac{1}{4}$ inches - which he changed further on to 36 inches - however, in available information which was part of discussions concerning terrorism presented by someone acting on behalf of the State of Nevada, which D.O.E. personell were also present at, the documents showed that a Milan Anti-Tank Portable missile can penetrate 39 $\frac{1}{2}$ inches at a distance of thousands of feet. Therefore, some crazed person could blast the cask to smithereens in no time, resulting in fuel cladding rupture, fire and disastrous consequences. Mr. Marvin Resnikoff of Radioactive Waste Management Associates has postulated that using a 10 year-cooled, medium burn-up Westinghouse PWR assembly as a reference spent fuel, and a HOLTEC High Star 100 storage cask loaded with 24 PWR assemblies of the reference fuel, that would represent a total radioactivity of about 5.5 MILLION CURIES, all of which would be released in the event I just described. We are talking EVERYTHING from plutonium to Cesium-137, Strontium-90 and so on including radioactive iodines.

NRC is allowing outside storage at many sites, including at Plant Hatch, Georgia (notwithstanding citizen outrage) right next to the magnificent Altamaha River, two counties upstream from a \$4 Billion a year fishing and tourism coastal area, next to decrepit Plant Hatch, (A MARK I design NRCs own staff said should not be licensed as the type was unsafe) because good ol' Southern Company has a packed spent fuel pool and is trying to get that radioactive dump relicensed, so it can continue to operate and haul in millions until the damned thing, with its core shroud held together by braces due to cracking, melts down by the look of it. To make matters worse, NRC may license an outfit called Private Fuel Storage to operate a dump full of these casks (and other brands) on Goshute Indian land called Skull Valley - which half the tribe doesn't want because they will become nothing but skulls if NRC licenses it - making the valley a terrorists dream.

There are other insane ideas such as the one of putting the casks out on what would be a "parking lot" in Nevada, because the DOE

is having its own problems with its Yucca Mountain under-the-mountain-over-the-groundwater repository they want to truck 50 years of the nuclear nightmares waste to, from across every state as NRC well knows.

Another nightmare.

It is time, as I have repeatedly stated in the past to both DOE and NRC, to admit to the public in one collective MEA CULPA that there is NO SOLUTION to what to do with nuclear waste as NOTHING can be done with it except isolate it from humanity for all eternity, handing off safeguarding it, and repairs to waste containers, from generation to generation, in a deep below ground or engineered COVERED, EARTHQUAKE PROOF, ELEMENT PROOF, REPAIRABLE repository above ground. And along with that must be the shutdown of nuclear power plants worldwide, as soon as possible, to stem the ever increasing spent-fuel amounts, shutdown of research reactors, shipboard reactors (think solar, wind and perhaps fuel cell) uranium enrichment facilities (no more Uranium hexafluoride) like the hell hole at United States Enrichment Corp.'s at Paducah, Kentucky, and shutdown of other contaminated, dangerous facilities like Nuclear Fuel Services in Erwin, Tennessee (another prime terrorist target nestled down in that valley right near the school) and that crime against humanity making all the farmers ill called Cabot Performance Materials at Boyertown, Pennsylvania of dead-purple-pigs-that-turned-to-mush fame—with its fires and snow that glows in the dark and cancer riddled community and burning skin and breathing problems from the fluorides and radiation. I could continue ad infinitum.

Lord knows, the poor farmers have begged for relief for years but NRC doesn't give a damn. (Oh, that would be another target)

All those full spent-fuel pools should be upgraded with extra exterior liners and supports added (Myself, I wonder how long the pool at Plant Hatch is going to hold up, let alone the one at Oyster Creek that took NRC HOW LONG to realize configurations of two pipe supports in the spent fuel pool cooling system do not meet design requirements for deadweight loads? Upgrade is not enough, shut that dump down its falling apart, read your own Docket, if its not being Scrammed its operating outside of technical specifications.)

In the meanwhile, I believe that others should be informed of the dangerous, incomprehensible decision of NRC/DOE of putting deadly spent fuel outside in casks, or planning to do so, therefore I am informing the military in case they don't know, so the people of this nation can be protected. Maybe the Pentagon can put a stop to NRC/DOE and the nuclear industry sticking casks outside, as none of you will listen to the public.

Pamela Blockey-O'Brien

Pamela Blockey-O'Brien

Copies to : The Pentagon, Georgians for Clean Energy.