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March 12, 1997

Ms. Shirley Ann Jackson, Chairperson
Nuclear Regulatory Commission
Rockville, MD.

VIA FAX

Dear Ms. Jackson:

WATERAD

I am taking this opportunity to ask your evaluation of an idea that may be of some interest.

I am a retired plastics engineer who has devoted a substantial amount of time in working on various experimental water projects. One outcome of this effort was developing a theory, whose application could be a possible solution to the storage and safe-keeping of nuclear waste.

I have visualized a concrete structure subdivided into an array of multiple channels. Each channel would store a number of individual containers of moderate to highly radioactive materials. Each channel would hold a column of water from 10 to 50 feet high. The water volume would circulate throughout each channel, either in parallel or series flow patterns. This moving mass of water would have these features:

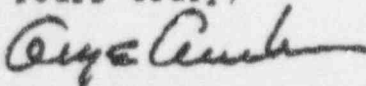
Constantly Disinfected Cooled Monitored
with power failure backup. The structure would be designed to be either earthquake resistant or earthquake proof.

I have "packaged" this idea with a basic patent memorandum with my patent attorney.

I present two questions: Could my "WATERAD" concept be a practical system to protect and store hazardous radiation material? Does it have enough merit to proceed with a R&D prototype? If your answer is positive, can you suggest the next step in implementing WATERAD?

I will furnish more information at your request. Please accept my thanks for your interest.

Yours truly,



George Greenbaum, M.Sc.

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PDR COMMS NRCC
CORRESPONDENCE PDR