

Recd 14/11/81 NRC

Columbia 27/11/81

Dear Mr. Gordon Edison,

I received your publication NUREG-0813 a few weeks ago & have been studying it ever since. There are many extremely important questions that need to be answered before a decision to grant CAUSAWAY I nuclear plant an operating license is made. The utility admits it will be discharging all manner of radioactive waste into the environment. Through their own admittance, Figure 5.2 on page 5-23, shows radiation being released into the air, water & land through transportation, water, controlled air releases & overall consumption by plant, animal & human. Such a blatant admission as to the release of these poisons should be enough to stop construction on the plant immediately. On page 5-8 section 5.5.1.1. sludge lagoons are discussed. These are pools of radioactive wastes that will leave that area, & the surrounding drainage areas, "hot" for thousands of years. No means of cleaning up this contamination could make these areas livable again. Why expose the general population to these hazards in the name of "need" - which is in actuality only greed? On page 4-7 section 4.2.4.2. dimensional design & release rates, are discussed. Where drift rates are to be increased by 12%. Does this mean that the radiation fallout levels in the air would

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brave a greater ~~and~~ ^{and pose a greater} hazard to the population in the outlying areas? Previously, in other forms of electrical power production, the expense & hazards incurred has never been so great as with the nuclear power industry. On page 5-59, decontamination is discussed. This alone should pose enough of a potential hazard that construction should stop immediately. There has never been a form of power like this ~~that~~ where it is necessary to evacuate & decontaminate all life in the area of nuclear power production. There are too many questions & hazards involved in production of nuclear energy, ~~only~~ ^{though} I have only touched the tip of the iceberg, to ever issue an operating license to Union Electric for operation of Callaway I nuclear plant. We need governmental support in the direction of peaceful, appropriate technology, rather than the death machine syndrome of nuclear power. Please do not grant Callaway I an operating license. The question is life itself. Thanking you in advance for a safe energy future.

314-687-3940²⁷

Sincerely,

Diana Rawe

DIANA RAWE Rt 1 CLARK, Mo. 65243

P.S. your answer to these questions would be greatly appreciated!

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TO BE
COVERED
IN PES



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