

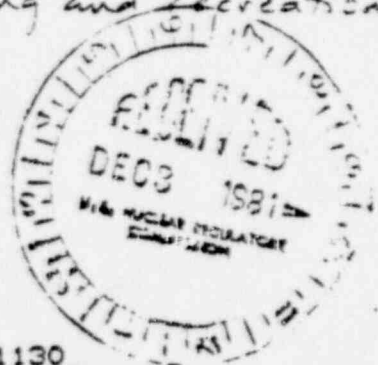
RE: NUREG-0813 Draft Environmental Statement
related to the operation of
U.S. Nuclear Regulatory Commission
Callaway Plant, Unit No. 1
Office of Nuclear Reactor Regulation
1717 H St. NW
Washington, D.C. 20555

666 S Washington
Apt 3-W
St. Louis, MO
63130
11/30/81

Docket No. 50-483
Union Electric Company

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As in previous Environmental Statements prepared for Callaway Units I + II, the current document neglects to include direct releases of radionuclides to surface water bodies as a pathway for unplanned releases which might occur during abnormal plant operating conditions. The possibility that monitoring systems may fail, - that highly radioactive liquid waste streams or even primary coolant could pass with no or inadequate detection and processing into the liquid effluent stream from the plant is simply ignored. The discussion on p. 5-35 lists the two pathways considered for unplanned radionuclide releases, and they include release to the atmosphere; release to surface water bodies from atmospheric fallout; and release to ground water or via a catastrophic meltdown. The exclusion of radionuclide transport in the plant waste stream during an accident, or in the event of equipment malfunctioning, is completely unacceptable given the history of unplanned releases to surface water bodies during plant operations in many U.S. locations which have resulted in the direct emission of higher than allowable radionuclide concentrations to sources of drinking and recreational water.



Sincerely,
Holly G. Winger
Holly G. Winger

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PDR ADOCK 05000483
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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 Connecticut 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 admission, 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.

One 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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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

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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, ^{though} I have only touched the tip of the iceberg, to ever issue an operating license to Union Electric for operation of Callaway 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 an operating license. The question is life itself. Thanking you in advance for a safe energy future.

Sincerely,

Diana Rawe

DIANA RAWE RT 1 Clark, Mo. 65243

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