CallawayCEm Resource

From: Lynne Shields [LShields@Fontbonne.edu]
Sent: Wednesday, March 25, 2009 12:08 AM
To: CallawayCOLEIS Resource
Subject: Federal Register. Jan. 23, 2009, 2009, pp.4257-8

To the Nuclear Regulatory Commission,

RE: Federal Register. Jan. 23, 2009, 2009, pp.4257-8

I am writing regarding the proposal by AmerenUE to build a second nuclear reactor at its Callaway County, Missouri site. I have significant concerns about this proposal due to the potential negative impact on the environment within the area near the plant and request that you include several points within the NRC Environmental Impact Statement on Callaway-2.

First and foremost, I am concerned because the existing Callaway reactor is located upriver from the metropolitan St. Louis area where I reside. Callaway-1 discharges radioactively contaminated water back into the Missouri River upstream from the source of St. Louis drinking water, and therefore poses a threat to our having safe drinking water. The same would be the case with Callaway-2, should it be built at the proposed site. I ask that the NRC consider the type of monitoring needed to regularly check on the waste water discharge of the proposed reactor. Will such monitoring be able to insure that the water supply for the greater St. Louis area and beyond is truly safe? How will the NRC insure that wildlife living in or near the Missouri River will not be adversely affected by radioactive waste?

A second concern relate to the exposure to radioactive gases released by the proposed Callaway-2 reactor. These may pose a significant danger to all life downwind and downstream of the plant site. How will these emissions be filtered and monitored, and what type of reporting mechanism will be put in place?

A third concern is the storage or disposal of fuel rods, filters and other equipment that must be attended to over the life of a nuclear reactor. Will an appropriate disposal facility be prepared for Callaway-2? How long would these radioactive waste products and components be stored on site at Callaway, and what will the NRC require of the plant owner in terms of waste management? Nuclear waste storage is a significant problem in this country, and adding to the number of existing reactors will only add to this problem.

A fourth and final concern relates to AmerenUE's ability to manage the acquisition, training and retention of sufficient nuclear engineers and support personnel to operate the plant in a safe manner. What alternative plans would be required in the event that AmerenUE is not able to acquire and/or maintain sufficient numbers of appropriately trained staff? How would the NRC assure the public that this reactor can be operated and maintained in a safe manner across its lifespan?

I appreciate your time and attention to these important questions and concerns.

With regards,

Lynne Shields

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