

Docket No. 50-313

MAR 5 1973

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Mrs. Margaret Blair  
Route 9  
Fayetteville, Arkansas 72701

Dear Mrs. Blair:

Mr. David Shellings, Jr. of the Arkansas State Department of Health recently forwarded a copy of your February 7, 1973 letter to Mr. Kellog concerning the Arkansas Nuclear One under construction near Russellville, Arkansas. He particularly asked that we respond to your questions in regard to possible increase in the incidence of cancer. We also note from your letter that you are concerned about the transportation of fuel rods for reprocessing.

We are sending you a copy of our Final Environmental Statement with this letter. Starting on page 5-40 of that report, we discuss the effects of transporting nuclear fuel.

The radiological effects of operation of this plant on man are discussed starting on page 5-28 of the enclosed report. An important point to note is that operating experience with similar reactors has shown that actual radionuclide releases have generally been small fractions of limits established by the Code of Federal Regulations, Title 10, Part 20. We would further note that these limits are based on recommendations of recognized national and international radiation-protection groups and represent the consensus of informed and responsible scientific judgement on the radiation exposure permitted occupational workers and the general public.

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Mrs. Margaret Blair

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We appreciate this opportunity to respond to your concerns on the possible effects resulting from the operation of a nuclear power plant.

Sincerely,

*15/1/73*

A. Giambusso, Deputy Director  
for Reactor Projects  
Directorate of Licensing

Enclosure:  
Arkansas Nuclear One,  
Unit 1 Final Environmental  
Statement, February 1973

cc: Mr. David D. Shellings, Jr.  
Director, Division of Radio-  
logical Health  
Bureau of Environmental Health  
Services  
Arkansas State Dept. of Health  
4815 W. Markham Street  
Little Rock, Arkansas 72201

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