

cc: L. Koyne

FEB 16 1972

Mrs. Jeff Broady
Brownville, Nebraska 68321

Dear Mrs. Broady:

Upon receipt of your letter of January 5, 1972, we thoroughly reviewed the correspondence received from you including your letter to President Nixon on November 20, 1970, and your letters to Senators Curtis and Iruka, Congressman Thone, Mr. J. R. Buchanan, Chairman Schlesinger and myself, and the replies to them. We feel that every reasonable effort has been made to answer your questions but will try to cover the points about which you are still in doubt. The material sent to you by Mr. Buchanan of the AEC's ORNL Safety Information Center contains a wealth of information. Likewise, the Applicant's Environmental Report and Detailed Environmental Statement for the Cooper Nuclear Power Station will furnish many details that should alleviate your apprehensions about safe operation and monitoring of that plant. A copy of the Environmental Report is available at the Auburn Public Library, Auburn, Nebraska. A copy of the Detailed Environmental Statement will also be available at the Auburn Public Library when it has been published.

Now to answer some of the specific questions in your most recent letter that were not covered in previous responses.

1. The "stack" is incorporated in the meteorological tower and shows on the artist's conception as ERP (Elevated Release Point).
2. It would be unreasonable to think that Cooper Station will not operate in an even more efficient, safer manner than Dresden I since many new advanced features have been incorporated in it. Further, Cooper will have to meet the requirements of 10 CFR 50, a copy of which Mr. Buchanan sent you. We cannot comment on the men you quote as making generally unfavorable statements about Cooper, or their statements, since we have no firsthand knowledge of either. However, we assure you that all activities during the construction and operation of Cooper Station are, and will be, under inspection surveillance by personnel of the AEC's Division of Compliance.

3. Again, as Mr. Buchanan suggested, it is more realistic for you to consider the radionuclides to be released and doses to be expected in the actual case of Cooper Station rather than on a theoretical consideration based on a hypothetical comparison with Dresden. These detailed values will be given in the Detailed Environmental Statement for Cooper Station, referred to above, now being prepared in our offices. We assure you that these values will meet the criteria of 19 CFR 50, i.e., as low as practicable.
4. Monitoring. Air monitoring is a means of determining very quickly if the levels of radioactivity in the air are within prescribed limits. Measurements of radionuclides (in the case you refer to, ^{131}I) in cattle themselves are more sensitive and determine actual levels in the cattle, which may result from other pathways than just the air. The monitoring at Cooper Station will be conducted by a reliable, well-experienced commercial laboratory and will be continuously reviewed and evaluated by the AEC. Final evaluation and approval of the Environmental Monitoring Plan are made in this Division of the AEC. In conversations between NPPD and AEC personnel, NPPD has proposed to hold discussions with you to arrange for a meaningful sampling and analysis program of feedstuffs and cattle from your farm to assure that they are not being adversely affected by the operation of Cooper Station. Such a program would, of course, have to meet AEC requirements, as well as being mutually agreeable to you and NPPD. We will be happy to have AEC Regulatory personnel participate in these discussions and arrangements. We note that NPPD has already proposed to conduct an air monitoring program on your farm, and that water from your domestic well is sampled regularly and plans have been made to sample the sand point well on your farm that is, we understand, used to supply water to your cattle.

We are certain that the environmental monitoring program that will be in effect at Cooper Station will effectively determine the radionuclide concentrations released from the plant and in the environment.
5. The Humboldt Day Plant has operated within limits prescribed at the time of its construction. However, it will be required to modify its operations to further reduce their effluents to meet the "as low as practicable" requirements.

Mrs. Jeff Broady

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We assure you that the AEC will not permit conditions which would make you, your family or cattle subjects for a laboratory experiment. The plans to make surveillance measurements on your farm are to assure that there are no adverse conditions there resulting from the operation of the Cooper Nuclear Station.

I trust that we have now answered your questions, doubts and fears about conditions resulting from the operation of the Cooper Nuclear Station.

Sincerely,

Lester Rogers, Director
Division of Radiological and
Environmental Protection

cc: J. R. Buchanan, ORNL
Ray E. Hall, Region IV
Div. of Compliance, Denver
H. K. Shaper, OEC

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