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FROM: Assistant Secretary of Commerce Wash. D.C. 20230 Sidney R. Galler	DATE OF DOC: 8-29-72	DATE REC'D 8-29-72	LTR X	MEMO	RPT	OTHER
TO: Mr. Daniel R. Muller	ORIG 1 signed	CC 1	OTHER	SENT AEC PDR ✓ SENT LOCAL PDR ✓		
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DESCRIPTION: Ltr furnishing comments on Draft
Enviro Statement for Kewaunee Nuclear Power
Plant.....

ENCLOSURES:

PLANT NAMES: Kewaunee Plant

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ACKNOWLEDGED**

FOR ACTION/INFORMATION DL 8-30-72

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THE ASSISTANT SECRETARY OF COMMERCE
Washington, D.C. 20230

50-305

August 29, 1972



Mr. Daniel R. Muller
Assistant Director for
Environmental Projects
U.S. Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. Muller:

The draft environmental impact statement for the "Kewaunee Nuclear Power Plant, Docket No. 50-305," which accompanied your letter of July 20, 1972, has been received by the Department of Commerce for review and comment.

The Department of Commerce has reviewed the draft environmental statement and has the following comments to offer for your consideration.

On page II-28, the conditions described in the last paragraph are more characteristic of a modified monsoonal effect than lake breeze. The lake breeze is as described in the very last sentence on the page (i.e., a diurnal change in wind).

On page II-29, the conclusion shown in the last sentence of paragraph 2 is hardly valid when based on two situations. Normally turbulence would be expected to be greater with higher wind speeds.

It is suggested the draft statement be sent to the Lake Survey Center for comment on Lake Michigan currents.

In previous comments to the AEC Division of Reactor Licensing, dated May 17, 1972, we have computed a maximum average annual concentration of 9×10^{-7} sec m^{-3} at a distance of 1200 m

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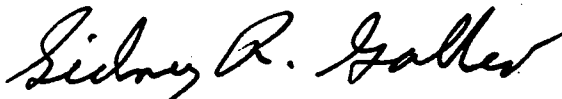
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with winds from the north northeast. This is in close agreement with the applicant's value as shown in figure 2.7-6 of the Final Safety Analysis Report dated January 27, 1971. The AEC staff analysis of the radiological impact of routine releases (see page V-28) does not specify their resulting average annual concentration and we can only assume it is in general agreement with the applicant's value.

We have not been able to evaluate the AEC staff's analysis of the radiological consequences of postulated accidents since the specific meteorological conditions assumed the resulting relative concentration in sec m^{-3} and the expected frequency of occurrence of such concentrations was not listed in their discussion on page VI-4.

We hope these comments will be of assistance to you in the preparation of the final statement.

Sincerely,

A handwritten signature in cursive script, reading "Sidney R. Galler".

Sidney R. Galler
Deputy Assistant Secretary
for Environmental Affairs

Regulatory

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