

Central File - 75-100

JUL 3 1962

Mr. John H. Stumpf
Managing Editor
Atomic Industrial Forum, Inc.
850 Third Avenue
New York 22, New York

Dear Mr. Stumpf:

In answer to the questions asked in your letter of June 25, the Hazards Analysis in the matter of the NASA Plum Brook Reactor was the first document of this type to cite 10 CFR Part 100 and TID 14844 in an evaluation of a proposed site after publication on April 12, 1962, of 10 CFR Part 100. Of course, the guides and factors set out in Part 100 were published in preliminary form in February 1961 and as a matter of fact, were being used in evaluating proposed sites for a considerable time before that. You will note that the statement of considerations states that, "these guides and the technical information document are intended to reflect past practice and current policy of the Commission."

TID 14844 is considered complementary to 10 CFR Part 100 in that it provides reference information and examples for the calculation of distance requirements in developing the exclusion area, the low population zone and population center distance for a reactor site.

bcc: ~~Mr. Stumpf~~ (2)
E. G. Case
Beecher
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Suppl.
L&R Reading
ERFleury

Sincerely yours,

Saul Levine, Chief
Test & Power Reactor Safety Branch
Division of Licensing and Regulation

Cleared w/ Richard in draft 7/27

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ATOMIC INDUSTRIAL FORUM INC.

850 THIRD AVENUE • NEW YORK 22, N. Y. • PLAZA 4-1075

June 25, 1962

Mr. Saul Levine
Chief, Test & Power Reactor
Safety Branch
Division of Licensing and Regulation
U.S. Atomic Energy Commission
Washington 25, D.C.

Dear Mr. Levine:

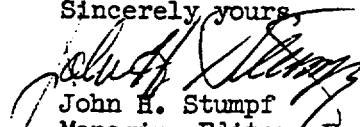
As I promised when we spoke on the telephone several days ago, I have enclosed a copy of the latest issue of the Forum Memo. We do send a considerable number of copies to the AEC Library under a special subscription arrangement for distribution to the AEC staff; however, I have discovered that they are not always circulated as widely or as soon as one might hope. Only the Commissioners seem to get theirs on time.

I assume you know of the Forum itself.

As I mentioned, I would like to be able to say in our next issue that the Hazards Analysis on the Plum Brook reactor was the first such document in which the AEC staff cited the newly adopted criteria (10 CFR Part 100) and the related TID 14844 in an evaluation of a proposed site, if this is true. If it is not true -- if there have been earlier occasions when the two documents have been cited in a similar context for a similar purpose -- I would like to be able to say when and under what circumstances that citation occurred. The point is not a crucial one, of course. However, considering how intensely interested the industry has been in the development of site criteria, I think it would be appropriate for us to note the first occasion of their use.

Perhaps you could also enlighten me on a related point. I had understood that TID 14844 was intended to provide preliminary guidance in applying the criteria of 10 CFR Part 100. The statement on p. 2 of the Plum Brook Hazards Analysis seems to imply that, in fact, the TID is considered by the staff to be a part of the criteria. This seems to me to be something quite different. I would be most grateful for your comments on this apparent anomaly.

Sincerely yours,


John H. Stumpf
Managing Editor Forum Memo

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