

Docket No. 50-320

NOV 23 1976

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C. L. Simpson, Manager of
Atmospheric Sciences Department
Battelle - Pacific Northwest
Laboratory
Battelle Boulevard
Richland, Washington 99352

Dear Mr. Simpson:

During his last visit to Battelle, Mr. Jan Norris, Environmental Project Manager, who is managing the weather modification study currently being prepared by your Department, discussed with you preliminarily the possibility of your personnel being involved in the public hearing before the Atomic Safety and Licensing Board on the Three Mile Island Unit No. 2 case.

There are two admitted contentions which relate to weather modification by man-made causes. The text of these contentions is in Enclosure 1. We feel that the co-investigators of the study, having just completed their research, are uniquely qualified to address the issues contained in the contentions.

The purpose of this letter is to request technical support from your Department in preparation of written testimony for these two contentions and furnishing of an expert witness to sponsor the written testimony at the hearing. For planning purposes, we estimate involvement of one individual for a period of two weeks of preparatory and writing time plus a one or two day appearance at the hearing. The hearing is estimated to start the first week in February, 1977 in Harrisburg, Pennsylvania area.

In actuality the testimony will be submitted first in the form of an affidavit as part of a legal request for summary disposition of the contentions and if this effort fails then the testimony will be filed in support of the staff's direct case.

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Since time is of essence, please confirm acceptance of this request and identify the individual assigned the responsibility for this project so that Jan Norris and our legal counsel can get in touch with him and start preparing the case in a timely manner.

Sincerely,

Original signed by W. H. Regan, Jr.

W. H. Regan, Jr., Chief
Environmental Projects Branch 3
Division of Site Safety and
Environmental Analysis

Enclosure:
Contentions 1 & 7

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OFFICE ➤	DSE:EP-3 r	DSE:EP-3				
SURNAME ➤	JNorris;aj	WRegan ⁰²				
DATE ➤	11/23/76	11/23/76				

Contentions in Three Mile Island Unit No. 2
Relating to Weather Modification

Contention 1:

Applicants have failed to consider the environmental impact on the atmosphere and weather of the combined thermal releases of the generation facilities on the lower Susquehanna River. These releases will add a significant amount of energy to the local area to be dissipated by radiation and convection with possible alterations in the local climate. No operating license should be granted until such effects are discussed.

Contention 7:

The flood protection system for Unit 2 is inadequate. This is because the flood data presented and the floods designed against are based on historical data which do not include the intentional efforts of man to effect weather modification. Such efforts at weather modification render the historical data of questionable value. No operating license should be granted until the effects of human efforts at weather modification are understood.

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