



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I/II
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

Central Files

REGULATORY DOCKET FILE COPY

May 22, 1980

Mr. Arnold Gleisser
5005 South Barton Road
Lyndhurst, Ohio 44124

Dear Mr. Gleisser:

In response to your inquiry concerning the flooding of land areas associated with the Davis-Besse Nuclear Power Station, we can assure you that the effects of natural phenomena such as flooding were considered in the design of the Davis-Besse facility. Consideration was given to the most severe conditions that have been historically reported for the site and surrounding areas. This includes the November 14, 1972 storm you referenced and the April 19, 1973 storm in which the recorded lake water level was slightly higher than the other storm.

The analysis on flooding performed by Toledo Edison Company to demonstrate compliance with General Design Criterion 2 of Appendix A of 10 CFR 50 can be found in Section 2.4.2. of the Davis-Besse Final Safety Analysis Report. The NRC's review of this safety analysis is published in NUREG-0136, Safety Evaluation Report, Docket No. 50-346, dated December, 1976. Appropriate sections of NUREG-0136 are enclosed for your reference.

We believe that the above information addresses the design features used to protect the plant from flooding.

Access to and from Davis-Besse during possible flood conditions is covered in the station's emergency planning. The emergency plan addresses flooding of normal access roads to the facility by providing alternate means according to the flood state. The emergency procedure has three action levels: Flood Watch, Flood Warning and Flood Emergency. The action levels correspond to lake levels of 574, 576 and 578.1 feet (IGLD) respectively.

In the case of a Flood Watch (water level 574 to 576), such as occurred April 14, 1980, some normal access roads may have high water. On April 14, 1980, portions of State Route 2 were covered with water, but other alternate roads were available. The alternate roads have been predesignated by both Davis-Besse and Ottawa County.

In the event of a Flood Warning (water level 576 to 578 feet), actions include possible evacuation of nonessential personnel via predesignated alternate roads,

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Mr. Arnold Gleisser

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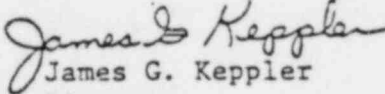
May 22, 1980

communications with the Ottawa County Sheriff's Department and Ohio Disaster Services Agency, and requests for emergency type transportation, if needed.

In a Flood Emergency (water level over 578 feet), the facility is maintained by essential operating and staff personnel. Rail, boat or DKW transportation will be utilized for shift changes; however, there are provisions to support essential personnel at the site for longer periods. The station expects to use rail transportation as the primary means of bringing personnel in when automobiles cannot be used. It is anticipated that most of the water and DKW vehicles will be in use to evacuate people from the surrounding areas.

We hope this information is responsive to your concerns. If you have further questions, please contact me.

Sincerely,


James G. Keppler
Director

Enclosure: As stated

bcc: The Honorable John Glenn
The Honorable Howard Metzenbaum
The Honorable Morris Udall
The Honorable Charles Vanik

MR. & MRS. ARNOLD GLEISSER
5005 South Barton Road
Lyndhurst, Ohio 44124

Mr. James Keppler
Nuclear Regulatory Commission
799 Roosevelt Rd.
Glen Ellyn, Illinois, 60137

Dear Mr. Keppler:

I am an independent candidate for Congress from the 22nd District of Ohio and am greatly alarmed about the danger poised to the public by the Davis Besse Nuclear Power Plant. This plant never should have been sited in a swamp area which has been subject to flooding during many Northeast storms. On November 14, 1972 there was a major Northeast storm when the plant was nearing completion and many workers were involved in construction. The water during the storm completely flooded the area, cutting all access to the plant. The storm was so intense that the dikes around the reactor building were breached and water hit the reactor and flooded the entire area within the dikes. The flooding was so complete that there was no landing place for helicopters and evacuation was made only by boat. The water intake for the city of Sandusky was put out of operation for three days by the silt from the lake bottom which closed off the water intake pipe.

Three days after the storm, a series of twenty aerial photographs were taken of the plant and I have enclosed two. In the photo taken directly above the plant you will note two breaches in the dike where water runoff occurred. I have access to eye-witness reports of this storm and newspaper reports from the Port Clinton, Sandusky and Toledo papers. Many times since this great storm, access roads to the plant have been flooded including route #2, the main East-West highway adjoining the plant. It was only six weeks ago that a northeaster closed access roads to the plant.

In checking the Corps of Engineers in Detroit, I have found to my great shock that the present water level of Lake Erie is today even higher than the abnormally high level which existed during the storm of November, 1972.

Without access to a nuclear plant during an emergency, and Davis Besse has had many, the public is endangered.

I feel that it is my duty as a candidate for Congress to obtain your comments on this matter and would appreciate hearing from you in this regard.

Sincerely, *Arnold Gleisser*
Arnold Gleisser

cc: John F. Ahearne
William J. Dircks
Joseph M. Hendrie
Victor Galinsky
Peter Bradford
Richard Kennedy
Congressmen Stuart Udall and Charles Vanik
Senators John Glenn and Howard Metzenbaum

duyee
BQP5280819

No. 80-1009 Logging Date 5/15/80

NRC SECRETARIAT

TO: Commissioner _____ Date _____

Exec. Dir./Oper. Gen. Counsel

Cong. Liaison Solicitor

Public Affairs Secretary

_____ Inspector & Auditor

_____ Policy Evaluation

Incoming: Arnold Gleisser

From: Lyndhurst, Ohio To: ~~James~~ James Keppler

To: cc: Ahearne Date undtd

Subject: alarmed about the danger poised to the public by the Davis Besse Nuc Power plant

- Prepare reply for signature of:
- Chairman
 - Commissioner _____
 - EDO, GC, CL, SOL, PA, SECY, IA, PE
 - Signature block omitted
 - _____
 - Return original of incoming with response

- For direct reply* Suspense: ~~May 27~~
- For appropriate action
- For information

Remarks: Cpy to: Docket

Rec'd Off. EDO
 Date... 5/14/80
 Time... 12:34

For the Commission: btllie

*Send three (3) copies of reply to Secy Correspondence and Records Branch

MR. & MRS. ARNOLD GLEISSER
5005 South Barton Road
Lyndhurst, Ohio 44124

15

Dear Mr. Cheame,

I am sending you
this letter I sent to James Keppeler
as I know you are concerned about nuclear
plant safety.

Sincerely,

Arnold Gleisser

duped

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MR. & MRS. ARNOLD GLEISSER
5005 South Barton Road
Lyndhurst, Ohio 44124

Mr. James Keppler
Nuclear Regulatory Commission
799 Roosevelt Rd.
Glen Ellyn, Illinois, 60137

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Arnold Gleisser

cc: John F. Ahearn
William J. Dircks
Joseph M. Hendrie
Victor Galinsky
Peter Bradford
Richard Kennedy
Congressmen Stuart Udall and Charles Vanik
Senators John Glenn and Howard Metzenbaum



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

F. L. Moxley, IE
S. J.
S. Bray

May 22, 1980

Mr. Arnold Gleisser
5005 South Barton Road
Lyndhurst, Ohio 44124

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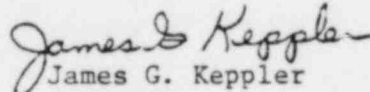
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Sincerely,


James G. Keppler
Director

Enclosure: As stated

ROUTING AND TRANSMITTAL SLIP

Date

TO: (Name, office symbol, room number, building, Agency/Post)	Initials	Date
1.		
2.		
3.		
4.		
5.		

Action	File	Note and Return
Approval	For Clearance	Per Conversation
As Requested	For Correction	Prepare Reply
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

REMARKS

Repples is deciding how to respond. He may do an interim telling her he's forwarding to NRR.

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)	Room No.—Bldg.
	Phone No.

5041-102

☆ U. S. GPO: 1978-0-261-647 3354

OPTIONAL FORM 41 (Rev. 7-76)
Prescribed by GSA
FPMR (41 CFR) 101-11.206

Handwritten to
Donna Call on
Monday

I don't think
this needs an
EDO Control
since the attache-
ment is a copy
of a letter to
Keppeler.

Ready

MR. & MRS. ARNOLD GLEISSER
5005 South Barton Road
Lyndhurst, Ohio 44124

S. Bayan - 16
See if Jim needs
help with reply -

~~_____~~ 24
~~_____~~
~~_____~~ 24

Dear Mr. Dicks,

I am sending you this letter
I sent to James Keppeler and know you are
concerned about nuclear plant safety.

Sincerely,

Arnold Gleisser

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5005 South Barton Road
Lyndhurst, Ohio 44124

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