

FR  
Mrs. Charles F. Mott  
Bowling Green, Ohio

CONTROL NUMBER

4589

FILE LOCATION

DATE OF DOCUMENT  
6/3/72

ACTION COMPLETION DEADLINE  
6/27/72

TO  
Schlesinger

ACTION PROCESSING DATES

Acknowledged

Interim Report

Final

PREPARE FOR SIGNATURE OF:

Chairman

Director of Regulation

DESCRIPTION

Ltr

☐ Original

☒ Copy

☐ Other

re the go-ahead for continued construction of the Davis-Besse  
plant and comments on the adverse effects of nuclear power  
and urging a halt to the spread of nuclear fission plants

REMARKS

Note Ron Ballard to provide  
input, per Giambusso 6/15/72

Encl: newspaper clipping

REFERRED TO

DATE

IS NOTIFICATION TO THE JCAE  
RECOMMENDED?

Giambusso f/action

6/13/72

Cys: O'Leary  
Case

~~Stinchcomb (Ballard)~~  
Hendric (Ballard)

Please include M. FitzPatrick  
on distribution list for cy of  
reply.

DO NOT DETACH THIS COPY

DIRECTOR OF REGULATION  
COMMUNICATIONS CONTROL

Form HQ-32 (6-70)  
USA EC

8003050 886

June 13, 1972

1. Mr. Hoffmann  
A-241

May we have your advice on filing the  
attached letter in the Public Document  
Room?

Ref: Ltr from Mrs. Charles F. Mott to the  
Chairman 6/3/72  
Docket No 50-346

*JHC*  
Jeanne Cook  
Office of the Director  
of Regulation

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2. Jeanne Cook  
008 Bethesda

*6/14/72*  
\_\_\_\_ Approved for filing in PDR.

\_\_\_\_ Document not to be filed in the PDR.

Martin R. Hoffmann  
General Counsel

OFFICE OF THE CHAIRMAN

TO: L/P

REPLY FOR \_\_\_\_\_'s SIGNATURE

REPLY FOR SIGNATURE BY: GM \_\_\_\_\_ DR \_\_\_\_\_

FOR APPROPRIATE HANDLING

(Please send ONE copy of reply to Office of the Chairman)

FOR INFORMATION: GM \_\_\_\_\_ DR \_\_\_\_\_ COMMISSIONERS \_\_\_\_\_

REMARKS:

A. W. JACKSON  
For the Chairman

POOR  
ORIGINAL

339 Wintergarden Rd.  
Bowling Green, Ohio 43402  
3 June 1972

Dr. James R. Schlesinger, Chairman  
Atomic Energy Commission  
Washington, D.C.

Dear Dr. Schlesinger,

According to a recent article in the Bowling Green newspaper, Toledo Edison and Cleveland Electric Illuminating have received a go-ahead for continued construction of the Davis-Besse nuclear power plant.

The utilities claim that the Davis-Besse plant is necessary to supply northwest Ohio with electricity--that there may be power shortages if it is not built. (It would seem that the utilities are intent on fulfilling this prophecy via their advertising campaigns for "the all-electric kitchen", "the all-electric yard", etc.)

Do you think that the AEC and the public are fully aware of and willing to face up to the adverse effects which widespread proliferation of nuclear plants will have on the natural environment and on human health? Regardless of how much we need power, the following items must be heeded:

- 1) "There is no safe amount of radiation in so far as genetic effects are concerned. However small the quantity absorbed mankind must be prepared to pay the price." (THE GENETIC EFFECTS OF RADIATION, issued by the AEC)
- 2) "There is no minimum amount of radiation which must be exceeded before mutations occur. Any amount, however small, that reaches the reproductive cells can cause a correspondingly small number of mutations. The more radiation, the more mutations." (NATIONAL ACADEMY OF SCIENCES)
- 3) An article in the January 25, 1971 issue of the Wall Street Journal warns about the dangers involved in disposing of and storing the radioactive wastes produced by nuclear plants.
- 4) Raising the temperature of Lake Erie's waters will cause a longer growing season for the same blue-green algae which rendered the water supplies of Kelley's Island and Put-In-Bay nearly unusable last summer. (See enclosure.)

In spite of these contraindicative signs, it appears that  
Chicans will soon see the completion of the Davis-Besse plant.

Would you please do all that you can to halt the spread of  
nuclear fission plants in the United States. Instead, would you  
please encourage the research and development of the non-polluting  
power sources which have been available for development for some  
time? (superconductivity, nuclear fusion, solar energy (presently  
operating in France), magneto-hydrodynamics (in Russia), burning  
municipal trash to produce electricity (St. Louis), tidal power,  
wind power, geothermics, etc.)

Thank you for reading this.

Yours truly,

*Charles F. Mott*  
Mrs. Charles F. Mott

cc: Chairman, Water Pollution Control Board of Ohio  
The Honorable William D. Ruckelshaus  
The Honorable John J. Gilligan

POOR  
ORIGINAL



THURSDAY, JULY 9, 1970

Toledo Blade

## Great Lakes Basin Commission Workshop

# Threat To Water Supply Of Cities Seen In Atomic Plants Built On Lake

### Growth Of Algae Would Be Boosted, State Official Says

Higher water temperatures, a possible result of proposed shoreline nuclear power plants, could imperil Lake Erie as a municipal water source, a state health department official told a Great Lakes Basin commission workshop Wednesday night.

Robert Manson, of Bowling Green, a department sanitarian in charge of northwestern Ohio, said the higher temperatures would mean a longer growing season for a type of blue-green algae which plagued some Lake Erie island water supplies last summer.

Left in the water by the algae is a musty taste which filtration and treatment process can't remove. The water supplies of Kelleys Island and Put-in-Bay were nearly unusable last summer, Mr. Manson said, "and we expect big trouble out there again this year."

The workshop, held at the University of Toledo, was sponsored by the Ohio department of natural resources, the Northwestern Ohio Water Resources Planning Council, and the basin commission.

The commission was formed in 1967 to coordinate local, state, and federal programs for navigation, water quality, recreational development, land use, and legislation.

Ideas are wanted.

The 75 at the workshop were asked to give their ideas on how Lake Erie, and ultimately the Great Lakes, should be used. Mr. Manson, speaking to a 15-minute session on water quality, said the lake's "ability to absorb water from the atmosphere and a number of other sources in the United States and Canada depend on lake water."

A number of nuclear-fueled power plants are proposed for the shoreline of Lake Erie. One is to be built near Port Clinton by the General Atomics Co. and Cleveland-based Babcock & Wilcox Co. Another is to be built by the plants would be returned to the lake, and,

the summer months, Mr. Manson said, adding that the higher temperatures would, in effect, produce longer lake summers.

The Ohio Water Pollution Control Board, in approving the \$256 million plant, allowed plans calling for the discharge of water five degrees above normal in a 10-acre area extending a half mile into the lake from the plant outlet. The facility will use some 2 billion gallons of water a day.

### Industry Migration Foreseen

Mr. Manson also predicts future "wholesale migration" of industries from the Maumee River basin unless some way can be found to improve water quality. Many industries are dependent upon sources of usable water.

In addition to wanting the lake to continue to be a source of water, the water-quality group said the lake should be restored to a condition that would allow both swimming and sport fishing.

It also said nondegradable chemical pollutants, such as DDT and mercury, should be banned from all discharge into the lake and its tributaries, and siltation should be reduced as much as possible. The group conceded, however, that full elimination of the latter now is technologically impossible.

Other recommendations to be presented to the commission include the possibility of year-round navigation, reduction of pollution caused by channel dredging, regional planning and possible zoning of lakefront land, a rearranging of federal priorities to allow more money for recreational sites along the lakes, and a possible "super-agency" involving the United States and Canada for controlling all aspects of lake use and development.

### Population Redistribution

One subcommittee discussed a proposed national policy for redistributing population away from the Great Lakes. Planners estimate that by the year 2020, a massive megalopolis will extend along Lake Erie from Detroit to Buffalo.

Representatives of St. Lawrence Seaway Development Corp., the Federal Water Quality Administration, and the Ohio Water Development Authority were at the meeting.

Sharon Bresler, Lima utilities director and OWDA chairman, said he liked the idea of the opportunity to give federal officials opinions of local representatives.

"I haven't met many federal officials who ask us what we want; they usually tell us what they want done," he said.

POOR  
ORIGINAL