

JUN 9 1975

Docket No. 50-346

Toledo Edison Company
ATTN: Mr. Lowell E. Roe
Vice President
Facilities Development
300 Edison Plaza
Toledo, Ohio 43652

Gentlemen:

DISTRIBUTION

Docket File ✓
NRC PDR
Local PDR
LWR 2-3 Rdg
VAMoore
RDeYoung
FSchroeder
AKenneke
MWilliams
RKlecker
OELD
OI&E (3)
LEngle
EGoulbourne
ASchwencer

POOR
ORIGINAL

We request that the two items provided in the enclosure to this letter be addressed as part of the Appendix K ECCS submittal for the Davis Besse Nuclear Power Station, Unit 1.

Mr. L. Engle, the Licensing Program Manager for Davis Besse, Unit 1, has already contacted Mr. C. Novak and informed him of this need for additional information concerning your ECCS submittal.

In order to maintain our licensing schedule, we will need your response to the enclosure by July 9, 1975. If you cannot meet this date, please inform us within seven days after receipt of this letter so that we may revise our scheduling.

Please contact us if you have any questions regarding the enclosure provided.

Sincerely,

Original Signed by
A. Schwencer

A. Schwencer, Chief
Light Water Reactors Branch 2-3
Division of Reactor Licensing

Enclosure:
Request for additional
information concerning
ECCS submittal

cc: See next page

ECCS
(2)

RM

8002180 212

A

Toledo Edison Company

- 2 -

JUN 9 1975

cc: Donald H. Rauser, Esquire
The Cleveland Electric Illuminating Co.
P. O. Box 5000, Room 610
Cleveland, Ohio 44101

Gerald Charnoff, Esquire
Shaw, Pittman, Potts, Trowbridge
and Madden
910 - 17th Street, NW
Washington, D. C. 20006

Leslie Henry, Esquire
Fuller, Seney, Henry & Hodge
300 Madison Avenue
Toledo, Ohio 43604

POOR
ORIGINAL

OFFICE	x7886/LWR2-3	RL: C-LWR 2-3				
SURNAME	LFinglemer	ASchwencer				
DATE	6/9/75	6/9/75				

ENCLOSURE

REQUESTS FOR ADDITIONAL INFORMATION
APPENDIX K ECCS SUBMITTAL
FOR THE
DAVIS BESSE NUCLEAR POWER STATION, UNIT 1
DOCKET NO. 50-346

1. If Davis-Besse will operate with a part-pump reactor coolant system configuration, this capability must be supported by identifying and analyzing the worst break size and location (i.e., idle loop versus operating loop). In addition, sufficient justification must be provided to conclude that the shape of the PCT versus Break Size curve would not be significantly altered by the partial loop configuration. (A partial loop configuration is defined where one or more reactor coolant pumps are not operating.)
2. It has recently come to our attention that after a LOCA, the operability of certain critical systems may be jeopardized due to the location of certain related components (such as valve motors, busses, etc.) at or near the containment floor. Post-LOCA flooding of the containment could submerge these components and could involve such essential safety features as the safety injection system, containment isolation network, or systems needed to limit boric acid concentration in the reactor vessel during long-term core cooling. The following information must be supplied:
 - a) Whether or not any components, such as valve motors or electric busses, will be submerged following a LOCA in Davis-Besse 1.
 - b) If it is determined that such components will be flooded;
 1. Identify this equipment.
 2. Evaluate the potential consequences of flooding of this equipment for both the short term and long term. (Long term should include consideration of the potential problem of excessive concentrations of boric acid).
 3. Propose design changes to solve the potential flooding problem.