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Mr. Richard P. Crouse
Vice President, Nuclear
Toledo Edison Company
Edison Plaza - Stop 712
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Toledo, Ohio 43652

Dear Mr. Crouse:

In our review of your responses to NUREG-0737, Item II.E.1.2 (Auxiliary Feedwater Automatic Initiation and Flow Indication), we have determined the need for additional information as identified in the enclosure. You are requested to provide this information within 45 days of receipt of this letter.

Sincerely,
"ORIGINAL SIGNED BY

JOHN F. STOLTZ"

John F. Stolz, Chief
Operating Reactors Branch #4
Division of Licensing

Enclosure:
Request for Additional Information

cc w/enclosure:
See next page

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SURNAME	DGarner/cb	JStolz				
DATE	7/27/81	7/27/81				

Toledo Edison Company

cc w/enclosure(s):

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REQUEST FOR ADDITIONAL INFORMATION
DAVIS-BESSE UNIT 1 AUXILIARY FEEDWATER (AFW)
AUTOMATIC INITIATION AND FLOW INDICATION

During our review of the Davis-Besse Unit 1 auxiliary feedwater system (AFWS) automatic initiation logic and circuitry and the AFWS flow and steam generator level channels, we have found several areas in need of additional information or clarification. Specifically:

1. Provide full size up to date electrical schematic/elementary diagrams for:
 - a) AFW system initiation circuits (from the logic to the final actuation signal).
 - b) AFW system annunciation circuits.
 - c) AFW pump control circuits.
 - d) AFW valve control circuits.
2. Provide a detailed full size up to date piping and instrumentation diagram (P&ID) of the Davis-Besse Unit 1 AFWS (including steam supply lines for the turbine driven AFW pump(s)).
3. Provide up to date AFW system initiation logic diagrams.
4. For each steam generator level channel at Davis-Besse Unit 1, list the specific source from which that channel is powered.
5. By letter dated March 21, 1980, it is stated that "Toledo Edison will provide one safety grade flow instrument for each auxiliary feedwater train at DB-1. This will be a differential pressure device set across an orifice located in each auxiliary feedwater line."

This does not comply with section II.E.1.2 Part 2 of NUREG-0737

(Clarification of TMI Action Plan Requirements) which states that two

AFI flowrate indicators for each steam generator should be provided. Provide a schedule for implementation of a second flow channel for each steam generator and describe how these flow channels comply with the criteria listed in NUREG-0737 Section II.E.1.2 Part 2.