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IE (3)

ACRS (16)

Docket No. 50-346

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

bcc: J. R. Buchanan, NSIC
T. B. Abernathy, TIC

POOR ORIGINAL

Gentlemen:

ECCS-SYSTEM-LOW PRESSURE INJECTION TO LOW PRESSURE INJECTION AND HIGH PRESSURE INJECTION TO LOW PRESSURE INJECTION (DAVIS-BESSE, UNIT 1)

On July 28, 1976, Mr. L. Engle, Licensing Project Manager, notified Mr. E. Novak, General Superintendent, Power Engineering and Construction, as to the staff's positions regarding your appeal meeting held on July 21, 1976, regarding the Davis-Besse, Unit 1 (DB-1) ECCS system design.

You were notified at that time and in other discussions that (1) the existing DB-1 low pressure injection to low pressure injection crossover line was found to be acceptable by the staff and (2) that the staff position in regard to the need for remote manual capabilities after a small break LOCA (high pressure injection to low pressure injection) remained unchanged.

Regarding item 2 above, for small sized pipe ruptures in the DB-1 ECCS system design, the reactor coolant system pressure may be higher than the maximum low pressure injection pump head at the time containment sump water recirculation is required. Under these conditions, a crossover connection is provided in the DB-1 design to permit alignment of the high pressure make-up pump suction with the low pressure injection cooler discharge to permit high pressure injection during the recirculation mode of operating. As now existing in DB-1, this alignment is accomplished by the operator manually opening one valve in each of the two crossover pipe lines located in the auxiliary building.

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Our position is that in order to improve the availability of the emergency core cooling system, we require that this alignment be accomplished from the control room. Therefore, we require that these valves be motor-operated with control and position indication provided in the control room.

The staff's position regarding remote manual capabilities after a small break LOCA is stated as a staff position in the present draft SER for DB-1.

Therefore, we request you advise us of your intentions regarding this matter and provide us with a schedule as to when you could provide the motorized valves with the required control and indication in the control room.

Since you have been advised of these matters for some time, we request that you reply to our concerns as stated above within five days receipt of this letter.

Please do not hesitate to call us if you have any questions concerning these matters. We will arrange a meeting with you if you so desire.

Sincerely,

Original Signed By

John F. Stoliz, Chief
Light Water Reactors Branch No. 1
Division of Project Management

cc: Mr. Donald M. Hauser, Esq.
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