JUL 16 1975

Docket No. 50-346

A. Schwencer, Chief, Light Water Reactors Branch 2-3, RL

DAVIS BESSE UNIT 1 - SAFETY EVALUATION REPORT UPDATE

Plant Name:	Davis Besse Unit 1
Licensing Stage:	OL
Docket Number:	50-346
Milestone Number:	24-22
Responsible Branch and Project Leader:	LWR 2-3 L. Engle
Technical Review Branch Involved:	EI&CS Branch
Description of Review:	Safety Evaluation Report Update
Requested Completion Date:	N/A
Review Status:	Complete with the exception of the requested information items stated below, and the Supplemental Safety Evaluation Report

Please transmit the attached information requests to the applicant. This information is required for completion of our review.

These concerns are being uniformal applied to all OL's presently under review. We request that the applicant's response be submitted to us by October 1975 so that our evaluation may be incorporated in the supplement to the safety evaluation report scheduled for November 14, 1975.

Original Signed by
T. A. Ippolito

Thomas A. Ippolito, Chief
Electrical, Instrumentation
and Control Systems Branch
Division of Technical Review
Office of Nuclear Reactor Regulation

Enclosure:
Information request

cc w/encl.:
V. Stello
V. Moore
L. Engle
F. Rosa
A. Szukiewicz

DISTRIBUTION:
DOCKET FILE
~~EIC READING~~ FILE
NRR READING FILE
T. A. IPPOLITO

8002050591

OFFICE	EICSB:TR	EICSB:TR	EICSB:TR			
SURNAME	ASzukiewicz:dm	FRosa	TAIppolito			
DATE	7/15/75	7/15/75	7/15/75			

ENCLOSURE

1. Provide the following qualification test program information for balance of plant Class IE equipment.

   a) Equipment Design specification requirements,

   b) Test Plan,

   c) Test set up,

   d) Test procedures, and

   e) acceptability goals and requirements.

   This information shall be provided for at least one item in each of the following groups of Class IE equipment including test results.

   a) Switchgear,

   b) Motor control centers,

   c) Valve operators (in containment),

   d) Motors,

   e) Logic Equipment,

   f) Cable, and

   g) Diesel Generator Control Equipment

2. Provide your design criteria and procedures for fire stops and seals. Your response should address but not be limited to the following:

   a) Cable and cable tray penetrations through walls and floors, and all other types of cable ways or conduits.

   b) Design criteria for each type of fire stop and seal installation.

   c) Interval (physical distance) at which the fire stops are installed in vertical cable trays, and in horizontal cable trays (if any).

   d) List of materials used and their characteristics with regard to flammability and fire retardancy and their fire underwriters rating.

e) The QA and test procedures used to verify that penetration fire stops and seals have been properly installed.

f) The qualification testing of the fire stops and seals to demonstrate adequacy over the life of the plant.

g) The administrative procedures and controls that will be followed when it becomes necessary to breach a completed fire stop or seal to add or remove cables.

h) The periodic inspections performed to identify open or deteriorated fire stops and seals:

In addition evaluate the adequacy of your design with regard to fire hazards in areas of concentration of electrical cables. Identify the areas involved and describe the fire detection and protection system and equipment provided to control and extinguish cable fires and to assure that fire in one system will not propagate to another redundant system.