

APR 11 1978

MEMORANDUM FOR: Leon Engle, Project Manager, Division of Project Management

FROM: Vince Leung, Auxiliary Systems Branch, Division of Systems Safety

SUBJECT: DAVIS-BESSE 1 - FIRE PROTECTION REVIEW

As part of our fire protection program review, we are planning a site visit to Davis Besse Nuclear Power Station, Unit No. 1 on May 9-11, 1978. The purpose of the scheduled visit is to review the fire protection provided for Davis Besse, Unit No. 1 safety related areas. It will also enable NRC personnel and their consultants to obtain first hand information needed for verification and evaluation of Davis Besse's fire protection analysis report. We plan to arrive at the site at 8:45 a.m., May 9, 1978.

Attached is the agenda for the site visit and a list of the personnel expected to participate in the visit.

Vincent Leung
 Auxiliary Systems Branch
 Division of Systems Safety

Enclosures:
 As stated

cc: V. Benaroya
 T. Ippolito
 C. Miller
 P. Matthews
 G. Harrison
 A. Rosa
 A. Suzkewicz
 M. Fields

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OFFICE →	DSS:PS:ASB	DSS:PS:ASB	DSS:PS:ASB			
SURNAME →	VLeung:mt	PKMatthews	VBenaroya			mt
DATE →	04/10/78	04/10/78	04/10/78			

Participants to the Site Visit

NUCLEAR REGULATORY COMMISSION

L. Engle
P. Matthews*
G. Harrison
A. Szukiewicz
M. Fields
V. Leung

GAGE-BABCOCK & ASSOCIATES, INC.

J. Behn

* One day

ENCLOSURE II

AGENDA FOR SITE VISIT - FIRE PROTECTION

1. Introduction by NRC

- a. Purpose of Visit
- b. Method of Site Review

2. Comments by Licensee

- a. Any restrictions
- b. Brief description of plant layout

3. Administrative Controls

Discuss:

- a. Fire Protection Organization
- b. Fire Hazard Control
- c. Control of Ignition Sources
- d. Fire Brigade Organization and Training
- e. Plant Personnel Indoctrination
- f. Fire Fighting Plans
- g. Quality Assurance for Fire Protection
- h. Controls over Fire Protection Systems

4. Plant Review

a. Examine each of the following safety-related areas:

- (1) Control Room/Computer Room Area
- (2) Cable Spreading Room
- (3) Battery Rooms
- (4) Diesel Generator Rooms
- (5) Switchgear Rooms
- (6) Safety-Related Pump Areas
- (7) Fuel Building
- (8) Borated Water Storage Tank and Reactor Building Spray
Chemical Additive Tanks
- (9) Containment (where accessible)

b. Examine other areas/hazards, including:

- (1) Turbine lubrication and control oil storage and use areas.
- (2) Diesel Fuel/Auxiliary Boiler Fuel Oil Storage Tanks
- (3) Radwaste Area
- (4) Decontamination Area
- (5) Records Storage Area

- (6) Auxiliary Boiler Area
- (7) Fire Pump Areas
- (8) Oil Filled Transformers (Indoor and Out door)
- (9) Hydrogen - Storage, use, and processing areas

c. As applicable, the above areas will be examined for:

- (1) General conditions, congestion, and accessibility
- (2) Separation between redundant trays and conduits
- (3) Barriers and fire stops
- (4) Fire detection and suppression equipment
- (5) Ventilation Systems and controls
- (6) Floor drains
- (7) Communications equipment
- (8) Lighting
- (9) Combustible materials
- (10) Equipment protection from water damage
- (11) Ability to contain fire, or isolate from external fire
- (12) Means for containing oil spills
- (13) Means for detecting hydrogen accumulation or loss of ventilation (battery rooms)