

AUG 19 1977

Docket No. 50-346

MEMORANDUM TO: DISTRIBUTION

FROM: Leon Engle, Project Manager, Light Water Reactors
Branch No. 1, DPM

SUBJECT: PROJECT CRITIQUE - DAVIS BESSE 1

The phase 3 part of the project critique for Davis Besse 1 is enclosed
per PMOP 220.

Leon Engle, Project Manager
Light Water Reactors Branch No. 1
Division of Project Management

Enclosure:
As Stated

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ORIGINAL

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OFFICE →	LWR 1					
SURNAME →	L Engle					
DATE →	8/19/77					

Davis-Besse, Unit 1

OL

Docket Date: SAR 03/31/73

ER 10/31/75

A. SAR Docket through Issuance of Staff Positions to Applicant
Target: 10 months Actual: 21 months Delta: 11 months

- (1) Applicant delayed project after docketing for 9 months. Impact of 9 month delay caused an additional 2 month delay up through Q-2 issuance.
- (2) Staff placed project in a "hold status" for 9 months. Nine month delay impacted applicant's response to Q-1's and impacted staff issuance of Q-2's.

B. & Staff Positions to Applicant through PDD

C. Target: 12 months Actual: 30.6 months Delta: 18.6 months

- (1) Continuing design changes and modifications by applicant caused additional staff review on this application. Breakdown in applicant's quality control concerning safety related electrical and instrumentation systems caused major rework on these systems. Delay in submittal of applicant's ECCS was major delay. Final SE Supplement was issued concurrently with PDD (OL-issuance) on April 22, 1977.
- (2) Late design changes to FSAR required additional staff review. Staff required applicant to reinspect safety related electrical systems for faulty construction work. Staff made major re-reviews and inspections of applicant's electrical systems. Because of input errors in applicant's ECCS-FAC submittal staff review for ECCS-FAC was not completed until two weeks prior to PDD. Low labor productivity and quality of safety grade valves and materials delayed turnover of systems for pre-operational tests. Final completion of required construction and completion of preoperational tests continued to delay PDD up to day of issuance of OL on April 22, 1977.

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