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MEMORANDUM FOR: J. F. Stolz, Chief, Light Water Reactors Branch  
No. 1, Division of Project Management, NRR

FROM: R. W. Woodruff, Acting Assistant Director  
for Technical Programs, IE

SUBJECT: DAVIS-BESSE UNIT NO. 1, COMPLIANCE WITH THE REQUIREMENTS  
OF GENERAL DESIGN CRITERION (GDC) 17 (AITS F30385H2)

The enclosed memorandum from Region III requests that NRR evaluate this facility's offsite electrical system design to meet certain requirements of GDC 17. The inspector's specific concern relates to the immediate availability of the facility's preferred power source following a LOCA event when the plant is operating in a runback condition (i.e., 15% power level and the main generator output breakers open).

Briefly, GDC 17 requires a design of offsite power systems which will provide an alternate offsite power source to the plant "within seconds" following the loss of the normal offsite power source. Region III has determined that in the event of a LOCA when the plant is in the runback condition, the emergency diesel generator would be immediately called upon to supply auxiliary power without the fast transfer circuitry first attempting to provide auxiliary power from the alternate offsite power source.

In view of the above, we suggest that the Division of Project Management evaluate the enclosed memorandum and determine the acceptability of this facility's offsite power system design as it relates to requirements of GDC 17. IE:HQS will advise Region III of any new operational requirements for this facility's offsite electrical system which may be imposed as a result of the NRR evaluation.

Any questions concerning this issue please contact V. D. Thomas of my staff on 49-28180.

Thomas

Roger W. Woodruff, Acting Assistant Director  
for Technical Programs  
Division of Reactor Operations Inspection

Enclosure: Memo J. F. Streater, RIII

OFFICE	to R. W. Woodruff dtd 6/9/78	IE:TP	IE:TP:AAD	2210386
SURNAME	cc: L. B. Engle, NRR	VDThomas:mkm	RWoddruff	
DATE	J. F. Streater, RIII	8/17/78	8/ /78	
	J. D. Smith, RIII			
	E. L. Jordan, IF			