

SEP 20 1983

MEMORANDUM FOR: Darrell G. Eisenhut, Director
Division of Licensing

THRU: Frank J. Miraglia, Assistant Director
for Safety Assessment
Division of Licensing

FROM: Cecil O. Thomas, Chief
Standardization & Special Projects Branch
Division of Licensing

SUBJECT: EDO-GE MEETING

50-447

In response to a scheduled meeting between the Executive Director for Operations and Mr. Phillip Bray of the General Electric Co. (a meeting set up by Mr. Bray). We have contacted GE to clarify the topics of discussion. GE has indicated that they wanted to pursue a discussion of the schedule for an interim FDA for GESSAR II. Their main concern relates to the interim FDA. GE wants the FDA in 1983, however, the present schedule for the Severe Accident Policy Statement is January 1984. They would also like to discuss the schedule for completion of the GESSAR II Severe Accident review noting that the external events analysis or the development of the ASTPO source term could seriously impact the review schedule.

Although GE stated they did not want to discuss individual review issues at this meeting, we are identifying the following issues that may be problems during the GESSAR II Severe Accident review.

1. Hydrogen Control - current work being performed by HCOG raises concerns that H.I.S will be successful in dealing with H₂ from a 100% metal water reaction as required by 50.34(f)(2)(IX). Resolution of this issue may impact the issuance of an interim FDA.
2. Source Term - the best estimate source term from ASTPO may turn out to be more conservative (closer to WASH-1400) than the one used for GESSAR II by GE.
3. External Events PRA - development of seismic hazards curves, GE proposed to develop hazards curves based on other PRA's and the USGS Open-File Report. These curves would not be bounding, only best estimate curves. The staff does not find this approach acceptable. More discussion will be necessary.

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4. Schedule for Severe Accident Policy Statement - delays in the Policy Statement will impact the GESSAR II FDA's. The impact will be greatest on the interim FDA.
5. Schedule for the ASTPO Source Term - delays in the development of the ASTPO source term will have corresponding impacts in the GESSAR II severe accident review.

The proposed revisions to the GESSAR II Severe Accident review schedule were developed in consideration of some of the problem areas listed above. The proposed schedule is attached.

Dino C. Scaletti
Cecil O. Thomas, Chief
Standardization & Special
Projects Branch
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Enclosure:
As stated

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ENCLOSURE

GESSAR II SEVERE ACCIDENT REVIEW SCHEDULES

<u>Milestone</u>	<u>Current</u>	<u>Proposed</u>
GE submits external events PRA	-	09-22-83
GE submits external events uncertainty analysis	-	10-31-83
Q's received by PM	*	12-22-83
Q's issued to GE	*	12-30-83
GE responses to Q's received	*	03-15-83
Staff positions to GE	07-01-83	03-15-84
Safety evaluation input to PM	02-01-84	05-15-84
Safety evaluation issued	03-01-84	06-15-84

*New dates relate to external events PRA; internal event Q's are currently being responded to.