



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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SEP 27 1977

MEMORANDUM FOR: W. Minners, Technical Assistant, DSS

FROM: H. Richings, Reactor Physics Section, Core
Performance Branch, DSS

SUBJECT: ACRS GENERIC ITEMS - II A 1

In response to your memorandum of September 19, 1977, nothing has changed for II A 1, Control Rod Drop Accident (BWRs), since the last report. The last status statement may be repeated, i.e., "Resolved and documented in staff report 'Control Rod Drop Accident (BWR)' submitted to the Committee on June 1, 1976." As an aid to understanding the status of this item, the following is a brief reminder of the recent history of interaction with the ACRS.

1. The staff sent (above) report in June 1976 discussing various aspects of rod drop concerns including the original problem on reactivity insertion rates and later problem on 3D vs 2D analyses, and the resolutions of these problems. The report indicated we considered the problems resolved, but would continue in the future on 3D analyses when computer codes (MEKIN) reached the state of application.
2. The report was discussed with the ACRS (June 76 ?) and no significant question or dissent was raised.
3. At a later (February 77 ?) ACRS meeting the subject of the German response to GE (analysis of original German paper) was brought up and the ACRS (Dr. Okrent) requested to see it. The response was sent February 11, 1977 along with a note with a brief discussion to assist the ACRS review and a statement that nothing in the response altered our view that the item is resolved.

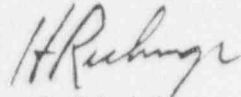
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4. No new question or dissent since that time is known.
5. At this time there is no new information from the staff (or BNL) on 3D calculations. BNL has been working on getting the code understood and operational. A coarse mesh version has been used for a BWR scram reactivity study, but this version is not satisfactory for rod drop analysis. BNL is still working on the acquisition and operability of more suitable (fine mesh) versions.



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cc: D. Ross
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