

MONTHLY HIGHLIGHTS FOR SEPTEMBER 1985

"Verification of Source Term Code Package Calculations"

(FIN A-3290)

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1. Scope/Purpose:

Updated fission product source term methods were developed under the direction of the Accident Source Term Program Office (ASTPO) and published in BMI-2104. Several computer codes developed as part of this effort are being integrated at BCL into a Source Term Code Package (STCP). Over the next six months the STCP will be applied by BCL staff to five representative reactor designs, as part of an updating of nuclear accident risk and risk-reduction perspective by RES/DRAO. The objective of this project is to provide quality assurance (QA) of the specific STCP accident sequence calculations, which are to be performed by BCL for the RES/DRAO risk updating.

2. Work Performed During Period:

A BNL team visited BCL to review the Peach Bottom STCP calculations. A preliminary memorandum was written on the review and sent to the NRC Project Manager.

3. Problems/Delays:

See Item 2.

4. Summary of Progress to Date/Milestones:

Subtask 1a: A BNL review team visited BCL to review the Peach Bottom STCP calculations.

5. Next Reporting Period:

The Peach Bottom calculations obtained from BCL will be reviewed in detail and a second memorandum will be written on the review and sent to the NRC Project Manager.

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