

MONTHLY HIGHLIGHTS FOR MAY 1985

"Source Term Code Package Verification"

(FIN A-3284)

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NRC Project Manager: R. O. Meyer (FTS 427-4461), ASTPO

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. The several computer codes developed as part of this effort are being integrated at BCL into one self-consistent code package. The objective of this BNL project is to provide quality assurance of the BCL code package. BNL will obtain the code package from BCL and install it on the BNL computing system. The code package will be reviewed to ensure correct implementation of the models and options. In addition, the coupling of the various codes in the package will be carefully checked.

2. Work Performed During Period:

Work on this project was initiated and discussions were held with the NRC Project Manager related to the scope of work. A meeting was held at BCL to discuss final plans for packaging the suite of BCL codes.

3. Problems/Delays:

The level of effort on this project will be increased after the working code package is received at BNL.

4. Summary of Progress to Date/Milestones:

See Item 2.

5. Next Reporting Period:

A working version of the code package is expected by June 15, 1985.

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