

3426.1/TLJ/84/01/03/0

JAN 04 1984

- 1 -

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Dr. Peter Soo, Associate Division Head
Nuclear Waste Management Division
Brookhaven National Laboratory
Associated Universities, Inc.
Upton, NY 11973

Dear Dr. Soo:

This letter is in response to BNL's letter of December 9, 1983 from D. G. Schweitzer, C. Sastre and C. Pescatore concerning BNL's Quality Assurance Review of Teknekron's draft report, "Parameters and Variables Appearing in Computer Codes for Waste Package Analysis."

Initially there are two points which should be considered:

- a) How the document fits into the overall work required of the contractor. In order to establish this, a copy of the Statement of Work has been enclosed, assuming that you have not previously received it.
- b) A Quality Assurance Review, as opposed to a Technical Review, is concerned with specific questions designed into the QA Program, viz., completeness, technical soundness, etc.

Bearing in mind the above points, following are comments addressing the problems raised in your letter:

- 1) The four questions asked in Mr. Shutler's letter refer to applicable items in the QA Baseline Review Checklist. Answering these questions should provide opportunity to express any inadequacies which you think may exist with the report. It should also be kept in mind that the report is one of a series of deliverables required by the contract as tasks leading to actual benchmarking of codes.
- 2) A negative review, provided comments are specific enough to be incorporated as revisions or corrections, may be valuable in the QA Process. Rewriting the report is of course beyond the scope of a QA Program.
- 3) A request for short-term technical assistance concerning a QA review of three Teknekron reports under Task 2 of A-3167,

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"Review of Waste Package Verification Tests," was made in our letter to Dr. Peter Soo dated August 3, 1983, a copy of which is enclosed. If you feel that the effort allowed to perform the review is inadequate, please advise me what effort you consider adequate.

In summary, the review should address the questions asked by Mr. Shutler and provide specific comments which can be used in the revision process. We have no objections to a negative review as long as it is constructive.

The action taken by this letter is considered to be within the scope of the current contract FIN A-3167. No changes to costs or delivery of contracted products are authorized. Please notify me immediately if you believe this letter would result in changes to costs or delivery of contracted products.

Sincerely,

ORIGINAL SIGNED BY

Everett A. Wick
Engineering Branch
Division of Waste Management

Enclosure:
As stated

cc: Dr. H. J. C. Kouts, Chairman
Nuclear Energy Department

Dr. W. Y. Kato, Deputy Chairman
Nuclear Energy Department

Dr. D. G. Schweitzer, Associate
Chairman and Head
Nuclear Waste Management Division

Dr. H. S. Davis, Deputy Division Head
Nuclear Waste Management Division

Mr. Cesar Sastre
Nuclear Waste Management Division

Dr. Claudio Pescatore
Nuclear Waste Management Division

*See previous concurrence.

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