

Associated Technologies Incorporated

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Charlotte, North Carolina 28281 USA
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CH-045-009
December 26, 1985

Clifton, NJ
Cambridge, MA

Mr. Leo B. Higginbotham, Chief
Low-Level Waste and Uranium Recovery Projects Branch
Division of Waste Management
Office of Nuclear Material Safety and Safeguards
United States Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Supplemental Topical Report, Bitumen as a Radwaste
Solidification Agent, Supplement No. 2 to Report
No. ATI-VR-001-P-A.

Dear Mr. Higginbotham:


Enclosed are 15 copies of Supplement No. 2 to Topical Report
No. ATI-VR-001-P-A. Supplement No. 2 is entitled "Bitumen
as a Radwaste Solidification Agent", and is dated December
10, 1985. ATI is submitting this Supplement under the NRC
Topical Report Program for review and acceptance for
referencing in licensing actions.

This Supplement describes the stability of the bituminized
waste forms produced by our volume reduction and bitumen
solidification system, and addresses the waste form
stability criteria established in 10CFR61 and its associated
Technical Position on Waste Form.

ATI has a five-year contract with Illinois Power Company to
supply and operate a bituminization system at the Clinton
Power Station. Start-up of the system is scheduled to
coincide with fuel loading in February or March, 1986.

In a meeting which we had with Mr. William Gammill, Dr. Jay
Lee and Mr. David Moran of the Office of Nuclear Reactor
Regulation on March 22, 1985, a decision was made that the
Supplement submitted herein would be reviewed under the same
review account established for our original Topical Report.
Therefore, we are not submitting a review application fee.

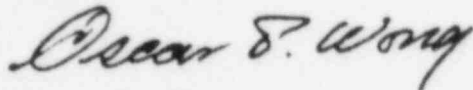
Certain information contained in the Supplement is
considered proprietary to ATI and is identified as such.
This information has been developed at considerable expense
of time and funds to ATI and our licensor, the French CEA
and the French engineering firm SGN. This information is
very important to the successful operation of our system

 Mr. Leo B. Higginbotham
December 26, 1985
Page Two

and to the production of a high quality product. We feel that this information gives us a competitive advantage and that divulging this information would be detrimental to the interests of ATI. Therefore, we request that the Staff treat this information as proprietary.

The Staff should direct any technical questions they may have during their review of the Supplement to Mr. Steve Simpson at 704-376-5752.

Very truly yours,

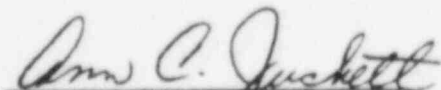


Oscar P. Wong
President

OPW/bt

cc: Dr. J.Y. Lee, Office of Nuclear Reactor Regulation

Enclosures: 15 Copies, Bitumen as a Radwaste Solidification Agent, Supplement No. 2 to Report No. ATI-VR-001-P-A


Notary Public

My Commission Expires
October 13, 1988





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

DEC 5 1985

Associated Technologies, Inc.
ATTN: Mr. J. E. Day
Senior Vice President
212 South Tryon Street - Suite 300
Charlotte, North Carolina 28281

Gentlemen:

Consistent with the requirements of 10 CFR 170.12(f) and 170.21.J, we have determined the professional staff hours and contractual costs for the completed review(s) of the topical report(s) listed on the enclosed sheet. The Office of Resource Management has been notified to bill your company for these completed reviews. When making payment, please make reference to the bill number. In those cases where your company has made payment for some portion of the report review based on the Commission's periodic billing method, these payments are shown as a credit on the enclosure.

Under the provisions of 10 CFR 170.21.J, fees are determined based on \$39 per professional staff hour for review time expended between filing of the report and June 23, 1984 (the ending period of the first full week after the revised rule became effective on June 20, 1984). From June 24, 1984 through completion of the review, the professional staff rate is \$62 per hour. Where review cost exceeds \$20,000, your company is billed for \$20,000 because that is the maximum which can be charged under Part 170 for the review of a topical report or for each revision or amendment to an accepted topical report.

If you have other report reviews that have been completed or are under review, but are not on the enclosed sheet, they will be billed at a later date when cost data are available. Any questions relating to your bills should be directed to Mrs. Reba M. Diggs on 301/492-7225.

Sincerely,

William O. Miller

William O. Miller, Director
License Fee Management Staff
Office of Administration

Enclosure:
List of Reports
and Costs

~~6512110608~~

ENCLOSURE 1

LIST OF TOPICAL REPORTS AND REVIEW COSTS

Company name and address: Associated Technologies, Incorporated
ATTN: Mr. J. E. Day
Senior Vice President
212 South Tryon Street - Suite 300
Charlotte, North Carolina 28281

<u>Report No. and Title</u>	<u>NRC Control No.</u>	<u>Review Status</u>	<u>Review Costs</u>
ATI-VR-001-P on "ATI Volume Reduction and Bitumen Solidification System" (2/15/83)	51439	Completed 4/24/85	\$20,000*

* (22 hrs x \$39, 24 hrs x \$62 and \$21,599 in
contractual costs for a total of \$23,945).

TOTAL AMOUNT DUE: \$20,000