



UNITED STATES  
 ATOMIC ENERGY COMMISSION  
 DIRECTORATE OF REGULATORY OPERATIONS  
 Region I

REPORT OF VENDOR INSPECTION

RO Vendor Inspection Report No.: 999-91/74-01  
999-92/74-01

Docket No. 99900091

Licensee: Transnuclear Inc. (TRNSN)

License No.: Pending

Falls Church, Virginia

Priority: \_\_\_\_\_

- Spent Fuel Casks

Category: \_\_\_\_\_

Vendor Name: Robatel-SLPI (SLPI)

Location: Lyon, France

Type of License: Spent Fuel Shipping Casks

Type of Inspection: Vendor, Announced

Dates of Inspection: May 6-7, 1974

Dates of Previous Inspection: None

Principal-Inspector: Ross L. Brown

Inspector-in-Charge: Ross L. Brown, Reactor Inspector  
None

Other Accompanying Personnel: NONE

Reviewed by: J. H. Tillou

J. H. Tillou, Senior Reactor Inspector

5/16/74

5-17-74

SUMMARY OF FINDINGS

Enforcement Action

A. Violations

None

B. Safety Items

None

Status of Previously Identified Enforcement Actions

Not applicable.

Design Changes

Not applicable.

Unusual Occurrences

None

Other Significant Findings

A. Current Findings

See Management Interview section of report.

B. Status of Previously Reported Unresolved Items

Not applicable.

Management Interview

- A. The inspector conducted a meeting with the management representatives of Transnucleaire and their potential supplier/fabricator - Robatel-SLPI (SLPI) to discuss the AEC requirements relative to the manufacturer of spent fuel casks.

Transnucleaire, Paris, France is the subcontractor to Transnuclear, Falls Church, Virginia for the supply of spent fuel casks.

1. Persons Present

Transnucleaire:

A. Aupetit, General Manager (Paris meeting only)

P. T. Blum, Engineer

H. Bernard, Engineer (Paris meeting only)

Robatel-SLPI (SLPI):

M. Robatel, President and Director General  
H. Bruel, Assistant Director General  
P. L. Piat, Quality Assurance Manager  
J. P. Laberthe, Engineering Manager  
C. Bochard, Job Engineer

**B. Subjects Discussed**

1. During the meeting conducted at the SLPI plant located in Genas, France on May 6, 1974, the following information was obtained and subjects covered:

- a. The SLPI Management stated that during 1972 the company manufactured the equipment to be installed in the Allied-Gulf Nuclear Services Plant located in Barnwell, South Carolina by the Bechtel Corporation. The Bechtel purchase order required a quality program to control certain aspects of the job; e.g., welding, non-destructive examinations and design controls.

The inspector stated that the program does not appear to be in complete compliance with the requirements of Appendix E of 10 CFR 71.

- b. The inspector reviewed the AEC position relative to the QA/QC program requirements of Appendix E of 10 CFR 71.

The SLPI Management stated that the company will start at once to develop a QA/QC program in compliance with Appendix E of 10 CFR 71.

This program will be submitted to TRNSN in July 1974 for transmittal to the Region I Regulatory Operations office for review and comment.

Mr. Robatel stated that he will be in the USA during the week of September 22-29, 1974 and would arrange to visit the Region I office to discuss results of the review.

- c. The inspector discussed the AEC procedure for the handling of the inspection reports and related correspondence prior to their placement in the Public Document Room.

2. The inspector met with the Transnucleaire Management representatives in the company's Paris, France office on May 7, 1974. The following items were covered:

- a. The inspector was informed that Transnucleaire does not have a formal QA/QC program; however, the present company plan is that an engineer from the TRNSN Falls Church, Virginia office will visit the Paris office to assist in the development of a QA/QC program that will be in compliance with the requirements of Appendix E to 10 CFR 71.

This program will also be submitted to the Region I office for review and comment during July 1974.

- b. The Transnucleaire Management informed the inspector that the company does not have a QA/QC manager, but they are presently interviewing engineering applicants to fill the new position of QA/QC manager in the Paris, France office.
- c. The Transnucleaire Management stated that the company does not have a standard company specification for their cask. The Transnucleaire purchase order is used to define the design parameters and all other pertinent requirements. The purchase order also requires the fabricator to develop the necessary jobs' specifications and procedures, which are submitted to Transnucleaire for review and approval.
- d. The Transnucleaire Management stated that the company presently use their casks for transporting spent fuel in France and Germany.
- e. The inspector stated that the AEC will not license these casks for transporting unless the design, manufacture and testing are conducted in accordance with and controlled by a program that complies with the requirements of Appendix E of 10 CFR 71.

The Management representatives noted the comment and stated that such a program will be developed prior to the start of manufacture.

U.S. ATOMIC ENERGY COMMISSION  
REGULATORY OPERATIONS-STATISTICAL DATA

A. DOCKET NUMBER (1-4) 99900091		CHANGE (9) <input type="checkbox"/>	B. REPORT NUMBER (10-13) 7401		C. PRI/CAT (14)	GRP (15)	INQ/INSPECTION/INVESTIGATION DATES				F. REGION CONDUCTING ACTIVITY: (28) 1
							D FROM (16-21) 5674	E TO (22-27) 5774			

LICENSEE/VENDOR: Transnuclear Inc. FACILITY: Spent Fuel Casks LICENSE NUMBER: 750000

ACTIVITY CONDUCTED:  
 1  INSPECTION 2  INQUIRY 3  INVESTIGATION 4  VENDOR INSPECTION 5  MANAGEMENT VISIT 6  INQUIRY-NON LICENSEE

INSPECTION/INVESTIGATION RESULTS:  
 1  SSI 2  REGIONAL OFFICE LETTER 3  REFERRED TO HQS FOR ACTION 4  REGIONAL OFFICE LETTER & REFERRED TO HQS FOR ACTION

INSPECTION/INVESTIGATION FINDINGS:  
 1  CLEAR 2  SAFETY ITEM 3  VIOLATION

FIELD ACTION AS A RESULT OF INQUIRY  
 1  CONDUCT INVESTIGATION 2  REVIEW NEXT INSPECTION 3  REFER TO OTHER REGION 4  REFER TO NON-REG. AUTH. 5  REFER TO OTHER REG. OFFICE 6  HQS FOR ACTION 7  NO FURTHER ACTION

L REASON INSP. FINDINGS REFERRED TO HEADQUARTERS FOR ACTION: (33-34)	M SUBJECT OF INQUIRY OR INVESTIGATION (35-36)	N HEADQUARTERS ACTION ON INSPECTION AND INVESTIGATION (37-38)
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01  IMMEDIATE THREAT TO HEALTH AND SAFETY

COMPLEX ITEM INVOLVING:

02  NONCOMPLIANCE/NONCONFORMANCE

03  LICENSING PROBLEM

04  POLICY MATTER

05  INTERPRETATION

06  SAFETY ITEM

07  MANAGEMENT DEFICIENCY

08  INADEQ. REPLY TO LETTER

09  NO REPLY TO LETTER

10  NO CORRECTIVE ACTION PLANNED

11  INADEQUATE CORRECTIVE ACTION PLANNED

12  HQS LETTER REQUIRED

13  HQS REVIEW REQUIRED

14  UNREVIEWED SAFETY MATTER

15  DESIGN CHANGE

16  OTHER

17

18

19

01  TYPE A INT. OVEREXPOSURE

02  TYPE A EXT. OVEREXPOSURE

03  TYPE A RELEASE

04  TYPE A LOSS OF FACILITY

05  TYPE A PROPERTY DAMAGE

06  TYPE B INT. OVEREXPOSURE

07  TYPE B EXT. OVEREXPOSURE

08  TYPE B RELEASE

09  TYPE B LOSS OF FACILITY

10  TYPE B PROPERTY DAMAGE

10 CFR 20.105

11  INTERNAL OVEREXPOSURE

12  EXTERNAL OVEREXPOSURE

13  EXCESSIVE RADIATION LEVELS

14  EXCESSIVE CONCENTRATION LEVELS

15  CRITICALITY

16  LOSS OR THEFT

17  CONTAMINATION

18  UNSAFE OPERATION

19  FIRE, EXPLOSION

20  HUMAN (OPERATOR) ERROR

21  COMPLAINT

22  PUBLIC INTEREST

23  LEAKING SOURCE

24  TRANSPORTATION

25  EXPIRED LICENSE

26  EXPOSURE REPORTED AND FOUND INVALID.

27  CONSTRUCTION/EQUIP. DEFICIENCY

28  EQUIPMENT FAILURE

29  EXCEED LIC/TECH SPEC REG'S

30  DEPARTURE FROM FSAR/TSS

31  OTHER

01  NO ACTION REQUIRED

02  LETTER-CLEAR

03  LETTER-NONCOMPLIANCE

04  LETTER-SAFETY ITEM

05  PART 2 NOTICE

06  PART 2 NOTICE AS RESULT OF FOLLOWUP TO REGIONAL OFFICE LETTER

07  ORDER

08  REFER TO RL FOR RESOLUTION

09  REFER TO RL FOR INFORMATION

10  REFER TO ML FOR RESOLUTION

11  REFER TO ML FOR INFORMATION

12  REFER TO REGION TO CLOSE OUT

13  OTHER

DATE LETTER, NOTICE, ORDER ISSUED  
T (59-64)

DATE LICENSEE REPLY RECEIVED  
U (65-70)

V (71) 1  REPLY NOT REQUIRED

(72-75)

(HQS) DATE RECEIVED

(80) 1  CARD CODE

REGIONAL OFFICE ACTION DATES

REPORT SENT TO HEADQUARTERS  
O (39-44) 051774

991/LETTER ISSUED  
P (45-50) 051774

1  REPLY NOT REQUIRED  
Q (51)

LICENSEE REPLY RECEIVED  
R (52-57)

1  REPLY INADEQUATE  
S (58)