



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064

December 4, 1995

Chickasha Cotton Oil Company
Clinton Cotton Oil Mill
ATTN: Ms. Brenda Burgess
Mill Manager
P.O. Box 548
Clinton, Oklahoma 73601-0548

SUBJECT: NRC INSPECTION REPORT 030-12879/95-01 AND NOTICE OF VIOLATION

This refers to your letter of November 6, 1995, in response to our letter and Notice of Violation (Notice) dated September 14, 1995, and to a telephone conversation between you and Mr. William H. Radcliffe of this office on November 28, 1995. We have reviewed your reply and find that no further information is needed at this time regarding the violations described in the Notice.

As discussed with you during the telephone conversation noted above, you failed to indicate in your response the reason why Violation C occurred. During the November 28 telephone conversation, you stated that the gauge was surveyed when it was installed in the late 1970s; however, you noted that you could not locate where your previous radiation safety officer maintained the record of this survey. You also stated that the gauge manufacturer, Texas Nuclear, did not retain a copy of the original survey record. You further noted that in order to bring your facility into compliance with 10 CFR 20.1501, you had Texas Nuclear conduct a new survey on November 22, 1995. Based on our subsequent discussions with you and the information provided in your written response, we have no further questions regarding this matter.

We will review the implementation of your corrective actions during a future inspection to determine that full compliance has been achieved and will be maintained.

Sincerely,

Linda L. Howell
Linda L. Howell, Chief
Nuclear Materials Inspection and
Fuel Cycle/Decommissioning Branch

Docket: 030-12879
License: 35-17409-01

cc: Oklahoma Radiation Control Program Director

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PDR ADOCK 03012879
C PDR

Chickasha Cotton Oil Company

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bcc:

DMB - Original (IE-07)

LJCallan

DBSpitzberg

LLHowell

WHRadcliffe

CLCain

NMI&FC/DB

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WHRadcliffe*		LLHowell						
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WHRadcliffe*		LLHowell						
12/ /95		12/ /95						

**Previously Concurred* OFFICIAL RECORD COPY

Clinton Cotton Oil Mill
P.O. Box 548
Clinton, Oklahoma 73601-0548

Phone : 405/323-3535
FAX : 405/323-6241

November 6, 1995

NOV 13

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

REPLY TO NOTICE OF VIOLATION

Docket: 030-12879

License: 35-17409-01

Violation A:

In our application dated 4/26/94, we listed Larry Straps as an alternate RSO in the absence of Charles E. Hall, both received the same training. I assumed since we listed him as an alternate, we were in compliance.

On August 22, 1995, I applied for an amendment to the license, naming Larry Straps as the RSO and paid the \$290 fee. On August 25, 1995, I called Christy Hernandez, who is in the Licensing Dept of the Arlington, TX, Region IV office, to request an emergency change of RSO.

We are in the process of implementing a plan to assure future compliance. As Mill Manager, I am committed to keeping this plant in total compliance. We are developing a check list to insure this violation does not occur again.

Violation B: Licensee shall periodically (at least annually) review the radiation protection program for content and implementation.

Charles E. Hall, II, had conducted the review, but the files have not been located. In the future, a full set of documentation will be kept in the managers office and a copy in the superintendents office.

We have scheduled a review of our Radiation protection program for all users by November 30, 1995. All users will receive instruction on how to use the gauge, lock-out procedures, and emergency procedures. This training will be conducted by TN Technologies, Box 800, Round Rock, TX.

What we are looking at in the form of future compliance is developing a check list. (Draft attached) The original file and documentation will be kept in the Managers office and a copy of the file will be kept in the Superintendents office.

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Violation C:

Licensee shall conduct a survey to evaluate the radiological conditions and hazards of the source of radiation -10 CFR 20.1501.

We have contacted TN Technologies, P.O. Box 800, Round Rock, TX 78680 (512-388-9100) to conduct this survey, which will be completed by November 30, 1995.

In order to assure compliance in the future, we are developing a check list which will be monitored for compliance by the Mill Manager, RSO, and solvent plant operator.

We feel that developing this program, along with proper training from TN Technologies, will prevent a recurrence of these violations.

Sincerely,



Brenda Burgess
Mill Manager

cc: NRC, Region IV
Arlington, TX

Draft Only
Clinton Cotton Oil Mill - RFP Audit

This audit should be completed once a year and should be performed by the Radiation Safety Officer or other upper level management.

I. Operating, Safety, and Emergency Procedures

II. Personnel Monitoring

- a. types of PM devices (TLD, film badge), exchange frequency
- b. use of control badge
- c. describe use and handling instructions (where, when, and how personnel monitoring will be worn)
- d. procedures for meeting the total effective dose equivalent for occupational workers, member of the public, and minors.
- e. documentation that workers may or may not exceed 10% of TEDE
- f. procedures/documentation for declared pregnant woman and dose to embryo/fetus

III. Training

- a. employees (including documentation of successful completion)
- b. contract workers and members of the public entering a restricted areas

IV. Posting

- a. identifying areas needing to be posted (i.e., 5 mrem/hr at 30 cm)
- b. procedures for ensuring areas are posted and contain appropriate information
- c. describe the radiation and restricted area signs, and device labeling
- d. describe the procedures requiring signs and labels be checked

V. Compliance with Dose Limits

- a. procedures for calculating doses for:
 individual members of the public
 occupational workers
 minors
 embryo/fetus
- b. occupancy and workload factors
- c. documentation of surveys or monitoring used

VI. Audits

- a. identify types of audits that need to be performed, include gauges, personnel, and procedures
- b. responsible entity for audit (maybe other than RSO)
- c. survey instrumentation used
- d. problems identified/corrected

- e. results/conclusions of audits

VII. Record keeping

- a. who is responsible for maintaining copies of regulations, etc.
- b. where records are to be maintained (main site or other sites)
- c. how documents will be maintained current

VIII. Survey Instrumentation

- a. description, types, and associated uses
- b. calibration and interval
- c. responsible person

IX. 10 CFR Part 19 Noticing Requirements

- a. "Notices, Instructions, and Reports to Workers-Inspections" posting
- b. worker instruction
- c. responsible person

Audit performed by _____

on _____

ENCLOSURE

NOTICE OF VIOLATION

Chickasha Cotton Oil Mill
Clinton Cotton Oil Mill
Clinton, Oklahoma 73601

Docket: 030-12879

License: 35-17409-01

During an NRC inspection conducted on August 14 and August 18, 1995, three violations of NRC requirements were identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," (Enforcement Policy), 50 FR 34381, June 30, 1995, the violations are listed below:

- A. Condition 11.B. of License No. 35-17409-01 specifies that the Radiation Safety Officer (RSO) for the license is Charles E. Hall, II.

Contrary to the above, from approximately April 1 to August 14, 1995, an individual other than Charles E. Hall, II, had served as the licensee's RSO.

This is a Severity Level IV violation (Supplement VI).

- B. 10 CFR 20.1101(c) requires that the licensee shall periodically (at least annually) review the radiation protection program for content and implementation.

Contrary to the above, from January 1994 to August 14, 1995, the licensee had not conducted a review of the radiation protection program for content and implementation.

This is a Severity Level IV violation (Supplement IV).

- C. 10 CFR 20.1501 requires that each licensee make or cause to be made surveys that may be necessary for the licensee to comply with the regulations in Part 20 and that are reasonable under the circumstances to evaluate the extent of radiation levels, concentrations or quantities of radioactive materials, and the potential radiological hazards that could be present.

Pursuant to 10 CFR 20.1003, survey means an evaluation of the radiological conditions and potential hazards incident to the production, use, transfer, release, disposal, or presence of radioactive material or other sources of radiation.

Contrary to the above, as of August 14, 1995, the licensee had not made surveys to assure compliance with 10 CFR 20.1201, which limits occupational radiation exposure to adults, or with 10 CFR 20.1301, which limits radiation exposure to individual members of the public. Specifically, since January 1994, the licensee did not have access to a survey meter needed to conduct surveys in the vicinity of their licensed level gauge nor did the licensee have access to the results of surveys conducted by its supplier/service contractor.

This is a Severity Level IV violation (Supplement IV).

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Pursuant to the provisions of 10 CFR 2.201, Chickasha Cotton Oil Company, Clinton Cotton Oil Mill, is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, D.C. 20555, with a copy to the Regional Administrator, Region IV, 611 Ryan Plaza Drive, Suite 400, Arlington, Texas 76011, within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked as a "Reply to a Notice of Violation" and should include for each violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation, (2) the corrective steps that have been taken and the results achieved, (3) the corrective steps that will be taken to avoid further violations, and (4) the date when full compliance will be achieved. Your response may reference or include previous docketed correspondence, if the correspondence adequately addresses the required response. If an adequate reply is not received within the time specified in this Notice, an order or a Demand for Information may be issued as to why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time.

Because your response will be placed in the NRC Public Document Room (PDR), to the extent possible, it should not include any personal privacy or proprietary information so that it can be placed in the PDR without redaction. However, if you find it necessary to include such information, you should clearly indicate the specific information that you desire not to be placed in the PDR, and provide the legal basis to support your request for withholding the information from the public.

Dated at Arlington, Texas
this 14th day of Sep. 1995