

FEB 13 1990

In Reply Refer To:  
License: 35-13617-01  
Docket: 30-05965/89-01  
EA: 90-004

Bridgestone/Firestone, Inc.  
ATTN: Tom Crofutt  
Plant Manager  
P.O. Box 24011  
2500 South Council Road  
Oklahoma City, Oklahoma 73124

Gentlemen:

This refers to the enforcement conference held at Region IV's request on February 2, 1990. This meeting related to activities authorized by NRC License 35-13617-01.

The subjects discussed during the meeting are described in the enclosed enforcement conference summary. As reviewed with you during the enforcement conference, we believe the findings of this inspection reveal evidence of management oversight of the licensed radiation safety program. We wish to emphasize your responsibility to conduct program reviews that will identify items of noncompliance and to effect the required programmatic changes that will ensure that these problems do not recur. As indicated in the summary, we will notify you subsequently of the enforcement action to be taken by NRC.

In accordance with Section 2.790 of NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter will be placed in the NRC's Public Document Room.

Should you have any questions concerning this matter we will be pleased to discuss them with you.

Sincerely,  
*Original Signed By:*  
A. B. BEACH

A. Bill Beach, Director  
Division of Radiation Safety  
and Safeguards

Enclosure:  
Enforcement Conference Summary  
w/Attachment

cc w/Enclosure:  
Oklahoma Radiation Control Program Director

bcc: (see next page)

RIV:NMIS *exc*  
ADGaines/ch  
2/12/90

C:NMIS *exc*  
CLCain  
2/12/90

*JD*:DRSS  
ABB *Beach*  
2/12/90

9002270230 900213  
REG4 LIC30  
35-13617-01 PNU

*IE-46*  
*11*

Bridgestone/Firestone, Inc.

-2-

bcc w/Enclosure:

✓ DMB - Original (IE-46)  
RDMartin  
ABBeach  
LAYandell  
GJackson OC/LFMB (4503)  
CLCain  
WLFisher  
NMIS Inspectors (5)  
MIS System  
RSTS Operator  
GFSanborn  
Rwise  
RIV File  
NMIS File

ENFORCEMENT CONFERENCE SUMMARY

Licensee: Bridgestone/Firestone, Inc.  
License: 35-13617-01  
Docket/Report: 30-05965/89-01

On February 2, 1990, officials of Bridgestone/Firestone, Inc., met with NRC staff members in the Region IV office to discuss the apparent violations identified during an inspection at the licensee's facility in Oklahoma City, Oklahoma, on November 29-30, 1990. The meeting included a review of those corrective actions proposed or taken by the licensee since the inspection.

The NRC presentation focused on the licensee's failure to appropriately manage their radiation safety program. The particular concerns expressed by the NRC staff included: (1) licensee failure to secure licensed materials and to perform materials inventories both of which resulted in the loss of one gauge containing 25 millicuries of cesium-137; (2) licensee failure to control access to licensed materials which resulted in radiation exposure to two janitorial personnel; and (3) unauthorized removal, installation, and repair of gauges containing licensed material. Other concerns included failure to provide radiation training to workers, failure to conduct required leak tests of sealed sources, and failure to amend the NRC license reflecting a change in name of the licensee from "Firestone Tire and Rubber Company" to "Bridgestone/Firestone, Inc."

Licensee representatives responded by describing the extensive actions that had been taken since the inspection to restore proper management to the safety program. (Some of these had been described in the licensee's submittal dated December 28, 1989.) Specific attention was devoted to their efforts to locate the missing gauge. They stated that the search has now been abandoned without success. Also described were the comprehensive retraining of licensee personnel completed since the inspection, corrective actions taken to ensure adherence to gauge lockout procedures and to ensure that gauge removal and service would be performed only by authorized personnel, and recent leak testing of all sealed sources.

The licensee stated that program failure resulted from the departure of a key staff member (who was designated as an authorized user on the license) during 1987. However, the NRC staff countered that the Staff Engineer, who was present at the meeting, had been designated as radiation safety officer in licensee correspondence to NRC in 1980. NRC expressed concern that the licensee was apparently unaware, even at the time of the enforcement conference, of the individual designated these key responsibilities and that these responsibilities had not been assumed by the Staff Engineer.



The licensee's presentation primarily focused on actions taken to prevent recurrence of the problems identified by NRC rather than a detailed analysis of the events that initially caused them. The licensee representatives admitted the violations noted in the inspection report (30-05965/89-01 dated January 17, 1990). The licensee submitted calculations regarding radiation exposures to the janitors. NRC had included similar calculations in an annex to the inspection report; however, the licensee's calculations included the effect of shielding by the outer wall of the chute on which the gauge was mounted.

The NRC staff requested the licensee to determine whether the exposure of the janitors was an isolated case or whether there had been other occurrences in the past. The licensee agreed to review this matter and provide more information to NRC by February 12, 1990, including dose calculations for any affected personnel.

The NRC staff stated in conclusion that a decision would be forthcoming regarding enforcement action.

*Charles L. Cain*

Charles L. Cain, Chief  
Nuclear Materials Inspection Section

Attachment:  
Attendance List

ATTACHMENT

Enforcement Conference Attendance List

Bridgestone/Firestone, Inc.

February 2, 1990

Bridgestone/Firestone, Inc.

Tom Crofutt, Plant Manager  
George Burley, Plant Engineer  
Jim Rowden, Staff Engineer, Radiation Safety officer  
Stephen Moser, Senior Counsel  
Sheldon Trubatch, Consultant

Nuclear Regulatory Commission

A. Bill Beach, Director, Division of Radiation Safety and Safeguards  
Lawrence A. Yandell, Deputy Director, Division of Radiation Safety  
and Safeguards  
Charles L. Cain, Chief, Nuclear Materials Inspection Section  
William L. Fisher, Chief, Nuclear Materials Licensing Section  
Russell Wise, Investigations and Compliance Specialist  
Anthony D. Gaines, Radiation Specialist, Nuclear Materials Inspection Section