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APR 4 1963

RTW WV  
INGSSP

Atlas Corporation  
88 Pine Street  
New York 3, New York

Attention: Mr. Roy Hollis  
Vice President

Gentlemen:

This refers to the inspection conducted November 27, 28 and 29, 1962, of your activities authorized under AEC Source Material License No. R-161.

It appears that certain of your activities were not conducted in full compliance with the requirements of the AEC's "Standards for Protection Against Radiation," Part 20, Title 10, Code of Federal Regulations, in that:

1. The average yearly concentrations of radium 226 in liquid effluents released to unrestricted areas exceeded the limit specified in Appendix B, Table II of 10 CFR 20, contrary to 10 CFR 20.106(b), "Concentrations in effluents to unrestricted areas." ✓
2. From May 1, 1960 to November 29, 1962, breathing zone samples were not collected in the hearth drier and packaging areas and time studies were not adequate to evaluate fully the concentrations of airborne radioactive material to which employees were exposed in such areas, contrary to 10 CFR 20.201(b), "Surveys." ✓
3. Prior to July 1, 1962, personnel monitoring equipment was not supplied to all individuals entering or working in a restricted area under such circumstances that they were likely to ✓

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receive a radiation dose in any calendar quarter in excess of 25% of the applicable value specified in 10 CFR 20.101(a), contrary to 10 CFR 20.202(a), "Personal monitoring."

This notice is sent to you pursuant to the provisions of Section 2.201 of the AEC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of which is enclosed. You are hereby required to submit to this office, within twenty (20) days of your receipt of this notice, a written statement or explanation in reply including (1) corrective steps which have been taken by you, and the results achieved; (2) corrective steps which will be taken; and (3) the date when full compliance will be achieved.

With respect to Item 1 above, we note that your License No. R-161 was amended on November 23, 1962 to authorize the release of prescribed concentrations of radioactive materials in liquid effluents in excess of the limits specified in Appendix B, Table II of 10 CFR 20.

Very truly yours,

Ralph G. Page, Chief  
Enforcement Branch  
Division of Licensing  
and Regulation

Enclosures:

1. 10 CFR 20
2. 10 CFR 2

CC: Mr. H. Baty

bcc: Compliance Div., HQ  
Compliance Div., IV  
Public Document Room

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