

UNC Naval Products

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In Reply Please Refer To:
NIS-89-9-6

Sept. 5, 1989

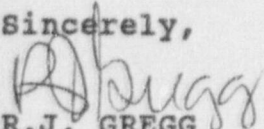
Mr. William P. Russell, Regional Administrator
Region 1
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406

Reference: SNM-368, Docket No. 70-371

Dear Mr. Russell,

Pursuant to 10 Part 70.59, UNC Inc., UNC Naval Products, submits its
Effluent Monitoring Report covering the period Jan. 1, 1989 through
June. 30, 1989.

Sincerely,


R.J. GREGG
Director Technical Services

RJG/jmp

Attachment

cc: Kevin T. A. McCarthy, Director
Dept. of Environmental Protection
Radiation Control Unit
State of Connecticut
Hartford, Connecticut 06115

Director, Office of Nuclear Material
Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Director, MIPC
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Bruce Ernst
American Nuclear Insurers
270 Farmington Ave.
Farmington, Connecticut 06032

Jerome Roth
Region 1
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406

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PDR ADOCK 070003/1
C PDC

Jan.1, 1989 through June 30, 1989

UNC NAVAL PRODUCTS

Principal Radionuclides: U-234 and U-235 from fully enriched uranium.

Liquid Effluent

| <u>Total Gallons Released</u> | <u>Total Curies Released</u> | <u>Concentration μCi/ml</u> |
|-----------------------------------|----------------------------------|---------------------------------|
| 1.5×10^5 | 2.3×10^{-3} | 3.9×10^{-6} |

Gaseous Effluent

| <u>Total Cubic Meters Released</u> | <u>Total Curies Released</u> | <u>Concentration μCi/ml</u> |
|--|----------------------------------|---------------------------------|
| 4.1×10^8 | 9.0×10^{-5} | 2.2×10^{-13} |

Notes:

- (1) Specific activity factor used is 8.24×10^{-5} Curies/Gram.
- (2) Data reported is compiled from measurements taken at points of release on-site and has not been adjusted by dilution factors which would be applied to calculate releases to unrestricted areas.