



AT&T
Technology Systems

C. R. Meetsma
General Manager,
Allentown Works

555 Union Boulevard
Allentown, PA 18103
Phone (215) 439-6211

Jan - 10 I

Applicant.....
Check No. <i>530634</i>
Amount/Fee Category <i>100.00</i>
Type of Fee <i>AMB</i>
Date Check Rec'd <i>1-25-86</i>
Received By <i>RE</i>

January 6, 1986

DR. JOHN GLENN
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Dear Dr. Glenn:

Re: License No. 37-03100-2

Please be advised that we are discontinuing use of krypton-85 and thus are planning on requesting termination of NRC License No. 37-03100-2.

Prior to termination, however, we must dispose of our inventory of krypton-85. This inventory, along with our proposed disposition, is as follows:

- 20 Ci pure Kr-85 in a shipping container.
Proposed disposition -
Transfer of ownership to our Reading Works.
- 18 Ci Kr-85 mixed with nitrogen and pressurized to 200 psi in a 5-gallon storage container in the Tracer-Flo machine.
Proposed disposition -
Controlled venting to atmosphere at 1 Ci/wk for 18 weeks, under strict engineering control.
We are confident that this release rate will result in no significant exposure.
With regard to our MPC, the following calculations were performed:

Exhaust rate - 3000 cfm
or 4.5×10^{13} cc/yr.

$$17.8 \times 10^6 \text{ uCi} / 4.5 \times 10^{13} \text{ cc} = 3.9 \times 10^{-7} \text{ uCi/cc}$$

This level is below our licensed MPC of 4×10^{-6} uCi/cc

1986 JAN 8 PM 3:04

RECEIVED-REGION 1

"OFFICIAL RECORD COPY"

ML10

104872

B604040539 B60313
REG1 LIC30
37-03100-02 PDR

JAN 08 1986

DR. JOHN GLENN

2.

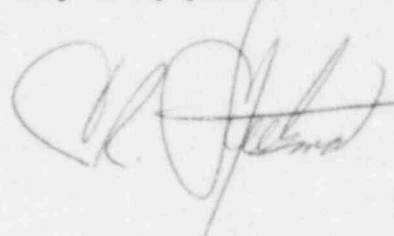
January 6, 1986

We have considered other options for this mixture, primarily transfer to another user. For a variety of reasons, this avenue does not appear to be feasible.

We have also considered designing and building a low pressure, high volume "coffin" for burial. All things considered, we feel that the safest approach to this matter is controlled release.

We trust that you will agree with our action plan and look forward to hearing from your office.

Very truly yours,

A handwritten signature in dark ink, appearing to be "John Glenn", written over a horizontal line.

BETWEEN: William O. Miller, Chief
License Fee Management Branch
Office of Administration

John E. Glenn, Chief
Nuclear Materials Section B
Division of Engineering and
Technical Programs

0300 6091

03124

2/89

*R-I
notified
not tran.
Amtd*

LICENSE FEE TRANSMITTAL

~~No Fee
Needed~~ ~~Termination~~

A. REGION I

1. APPLICATION ATTACHED

Applicant/Licensee: AT & T Technologies, Inc

Application Dated: 1/6/86

Control No.: 104872

License No.: 37-03100-02

2. FEE ATTACHED

Amount: 0 / \$60

Check No.: 0 / 530634

3. COMMENTS

*Amtd. per
John Glenn*

Signed Brenda Blatch

Date 1/9/86

B. LICENSE FEE MANAGEMENT BRANCH

1. Fee Category and Amount: 3P (\$60)

2. Correct Fee Paid. Application may be processed for:

Amendment ✓

Renewal

License

Signed G Jackson

Date 2/21/86