SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G
Under the Securities Exchange Act of 1934

Name of Issuer:  Gray Communications Systems Inc.
Title of Class of Securities:  Common Stock
CUSIP Number:  389190-208

(1) Names of Reporting Persons                          MELLON BANK CORPORATION
    SS or IRS Identification Nos. Of Above Person   IRS No. 25-1233834

(2) Check the Appropriate Box if a Member of a Group (See Instructions)
    (a) ( ) (b) ( )

(3) SEC Use Only

(4) Citizenship or Place of Organization               United States

Number of Shares Beneficially Owned by Each Reporting Person
(5) Sole Voting Power  300,000
(6) Shared Voting Power  0
(7) Sole Dispositive Power  0
(8) Shared Dispositive Power  300,000

(9) Aggregate Amount Beneficially Owned by Each Reporting Person  300,000

(10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)  ( )

(11) Percent of Class Represented by Amount in Row (9)  8.57

(12) Type of Reporting Person (See Instructions)  HC
CUSIP NO. 389190-208

(1) Names of Reporting Persons MELLON BANK N.A.
   SS or IRS Identification Nos. Of Above Person IRS No. 25-0659306

(2) Check the Appropriate Box if a Member of a Group (See Instructions)
   (a) ( ) (b) ( )

(3) SEC Use Only

(4) Citizenship or Place of Organization United States

Number of Shares (5) Sole Voting Power 300,000
Beneficially
Owned by Each (6) Shared Voting Power 0
Reporting Person
With (7) Sole Dispositive Power 0
(8) Shared Dispositive Power 300,000

(9) Aggregate Amount Beneficially Owned by Each Reporting Person 300,000

(10) Check if the Aggregate Amount in Row (9) Excludes Certain
     Shares (See Instructions) ( )

(11) Percent of Class Represented by Amount in Row (9) 8.57

(12) Type of Reporting Person (See Instructions) BK
CUSIP NO. 389190-208

(1) Names of Reporting Persons
THE DREYFUS CORPORATION

SS or IRS Identification Nos. Of Above Person IRS No. 13-5673135

(2) Check the Appropriate Box if a Member of a Group (See Instructions)
(a) ( ) (b) ( )

(3) SEC Use Only

(4) Citizenship or Place of Organization United States

Number of Shares Beneficially
(5) Sole Voting Power 300,000

Owned by Each Reporting Person
(6) Shared Voting Power 0

With
(7) Sole Dispositive Power 0

(8) Shared Dispositive Power 300,000

(9) Aggregate Amount Beneficially Owned by Each Reporting Person 300,000

(10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) ( )

(11) Percent of Class Represented by Amount in Row (9) 8.57

(12) Type of Reporting Person (See Instructions) IA
CUSIP NO. 389190-208

PREMIER AGGRESSIVE
GROWTH FUND, INC.

(1) Names of Reporting Persons
SS or IRS Identification Nos. Of Above Person
GROWTH FUND, INC.
IRS No. 13-2626684

(2) Check the Appropriate Box if a Member of a Group (See Instructions)
(a) ( ) (b) ( )

(3) SEC Use Only

(4) Citizenship or Place of Organization
United States

(5) Number of Shares
300,000

(6) Sole Voting Power
300,000

(7) Shared Voting Power
0

(8) Sole Dispositive Power
0

(9) Shared Dispositive Power
300,000

(10) Aggregate Amount Beneficially Owned by Each Reporting Person
300,000

(11) Percent of Class Represented by Amount in Row (9)
8.57

(12) Type of Reporting Person (See Instructions)
IV
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C.  20549

SCHEDULE 13G
(Under the Securities and Exchange Act of 1934)

Item 1(a)   Name of Issuer: Gray Communications Systems Inc.

Item 1(b)   Address of Issuer's Principal Executive Offices:
            126 N. Washington St., Albany, GA 31701

Item 2(a)   Name of Person Filing: Mellon Bank Corporation and any other
            reporting person(s) identified on the
            second part of the cover page(s).

Item 2(b)   Address of Principal Business Office, or if None, Residence:
            c/o Mellon Bank Corporation
            One Mellon Bank Center
            Pittsburgh, Pennsylvania 15258
            (for all reporting persons)

Item 2(c)   Citizenship:                          United States

Item 2(d)   Title of Class of Securities:         Common Stock

Item 2(e)   CUSIP Number: 389190-208

Item 3      See Item 12 of cover page(s) ("Type of Reporting
            Person") for each reporting person.

The amount beneficially owned includes, where appropriate, securities
not outstanding which are subject to options, warrants, rights or
conversion privileges that are exercisable within 60 days. The filing
of this Schedule 13G shall not be construed as an admission that
Mellon Bank Corporation, or its direct or indirect subsidiaries,
including Mellon Bank, N.A., are for the purposes of Section 13(d) or
13(g) of the Act, the beneficial owners of any securities covered by
this Schedule 13G.

The following information applies if checked: (   ) Mellon Bank, N.A. is the
trustee of the issuer’s employee benefit plan (the "Plan"), which is subject to
ERISA. The securities reported include all shares held of record by Mellon
Bank, N.A. as trustee of the Plan which have not been allocated to the
individual accounts of employee participants in the Plan. The reporting person,
however, disclaims beneficial ownership of all shares that have been allocated
to the individual accounts of employee participants in the Plan for which
directions have been received and followed.

Item 4   Ownership:   See Items 5 through 9 and 11 of cover page(s)
as to each reporting person.

Item 5   Ownership of Five Percent or Less of a Class:   If this
statement is being filed to report the fact that as of the date hereof
the reporting person has ceased to be the beneficial owner of more
than five percent of the class of securities, check the following (   )

Item 6   Ownership of More than Five Percent on Behalf of Another
Person:   All of the securities are beneficially owned by Mellon Bank
Corporation and direct or indirect subsidiaries in their various
fiduciary capacities. As a result, another entity in every instance
is entitled to dividends or proceeds of sale. The number of
individual accounts holding an interest of 5% or more is ( 0 ).
Item 7  Identification and Classification of the Subsidiary Which Acquired the Security Being Reported by the Parent Holding Company: See Exhibit I.

Item 8  Identification and Classification of Members of the Group: N/A

Item 9  Notice of Dissolution of Group: N/A

Item 10  Certification: By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purposes or effect.
After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct. This filing is signed by Mellon Bank Corporation on behalf of all reporting entities pursuant to Rule 13d-1(f)(1) promulgated under the Securities and Exchange Act of 1934, as amended.

Date: January 31, 1997

MELLON BANK CORPORATION

By: WILLIAM L. DAWSON

William L. Dawson
Senior Vice President,
Mellon Bank, N.A.
Attorney-In-Fact for
Mellon Bank Corporation
Each of the undersigned hereby authorizes Mellon Bank Corporation, in accordance with Rule 13d-1(f)(1) under the Securities Exchange Act of 1934, as amended (the "1934 Act"), to file, on behalf of the undersigned, any statement required to be signed by the undersigned, on Schedule 13G pursuant to Rule 13d-1 under the 1934 Act and any amendment thereto pursuant to Rule 13d-2 under the 1934 Act.

Each of the undersigned represents that it is individually eligible to use Schedule 13G, and acknowledges its responsibility for the timely filing of such Schedule 13G and any amendments thereto, and for the completeness and accuracy of the information concerning such person contained therein. However, each of the undersigned is not responsible for the completeness or accuracy of the information concerning the other persons making the filing on Schedule 13G unless such undersigned knows or has reason to believe that such information is inaccurate.

Date: January 31, 1997

MELLON BANK, N.A.

By: WILLIAM L. DAWSON
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William L. Dawson
Senior Vice President

PREMIER AGGRESSIVE GROWTH FUND, INC.

By: WILLIAM L. DAWSON
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William L. Dawson
Senior Vice President, Mellon Bank, N.A.
Attorney-In-Fact for
Premier Aggressive Growth Fund, Inc.

THE DREYFUS CORPORATION

By: WILLIAM L. DAWSON
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William L. Dawson
Senior Vice President, Mellon Bank, N.A.
Attorney-In-Fact for
The Dreyfus Corporation
The shares reported on the attached Form 13G are beneficially owned by the following direct or indirect subsidiaries of Mellon Bank Corporation, as marked (X):

(A)     (   )   Boston Safe Deposit and Trust Company
        (   )   Boston Safe Deposit and Trust Company of California
        (   )   Boston Safe Deposit and Trust Company of New York
        (   )   Mellon Bank, N.A.
        (   )   Mellon Bank (Delaware) National Association
        (   )   Mellon Bank (MD)

(B)     (   )   Franklin Portfolio Associates Trust
        (   )   Boston Safe Advisors
        (   )   Laurel Capital Advisors
        (   )   Mellon Capital Management Corporation
        (   )   Mellon Equity Associates
        (   )   The Boston Company Asset Management, Inc.
        ( X )   The Dreyfus Corporation
        (   )   Dreyfus Investment Advisors, Inc.

The Item 3 classification of each of the subsidiaries listed under (A) above is "Item 3(b) Bank as defined in Section 3(a)(6) of the Act."

The Item 3 classification of each of the subsidiaries listed under (B) above is "Item 3 (e) Investment Advisor registered under Section 203 of the Investment Advisers Act of 1940."