

**FEDERAL RESERVE BANK
OF NEW YORK**

January 30, 1973

AUTHORIZED SIGNATURES

*To the Member Banks and Nonmember Clearing Banks
of the Second Federal Reserve District, and Others Concerned:*

Enclosed is a copy of our Operating Circular No. 1, Revised January 17, 1973, containing facsimile signatures of persons authorized to sign on behalf of this Bank.

The revised circular incorporates the six outstanding supplements to the superseded edition of the circular and reflects additional changes in the list of persons authorized to sign on behalf of the Bank, including the following changes in the official staff:

RICHARD A. DEBS, formerly Vice President, has been appointed Senior Vice President.

THOMAS M. TIMLEN, Jr., formerly Vice President, has been appointed Senior Vice President.

THOMAS C. SLOANE, formerly Deputy General Counsel, has been appointed Vice President.

FREDERICK L. SMEDLEY, formerly Assistant Vice President, has been appointed Vice President.

H. DAVID WILLEY, formerly Assistant Vice President, has been appointed Vice President.

HOWARD F. CRUMB, formerly Assistant Vice President, has been appointed Adviser.

JAMES H. OLTMAN, formerly Assistant Counsel, has been appointed Assistant General Counsel.

EDWIN R. POWERS, formerly Manager, Computer Operations Department, has been appointed Assistant Vice President.

The appointment of CHESTER B. FELDBERG as Secretary has been terminated; his appointment as Assistant Counsel continues.

E. GERALD CORRIGAN, formerly Senior Economist and Assistant Secretary, has been appointed Secretary.

LEOPOLD S. RASSNICK has been appointed Assistant Secretary, continuing as Assistant Counsel.

JERRY BERKOWITZ, formerly Chief, Methods and Systems Division, Planning Department, has been appointed an officer of the Bank with the title of Manager, and has been assigned to the Auditing Department.

FRED A. DENESEVICH, formerly Chief, Wire Transfer Division, Collection Department, has been appointed an officer of the Bank with the title of Manager, and has been assigned to the North Jersey Regional Check Processing Center.

HENRY S. FUJARSKI, Jr., formerly Chief, Accounting Division, Accounting Department, has been appointed an officer of the Bank with the title of Manager, and has been assigned to the Accounting Department.

PETER J. FULLEN, formerly Chief, Computer Programming and Training Division, Computer Support Department, has been appointed an officer of the Bank with the title of Manager, and has been assigned to the Computer Operations Department.

ERNEST T. PATRIKIS, formerly Attorney, Legal Department, has been appointed an officer of the Bank with the title of Assistant Counsel.

SHEILA L. TSCHINKEL, formerly Chief, Securities Analysis Division, Securities Department, has been appointed an officer of the Bank with the title of Manager, and has been assigned to the Securities Department.

LOUIS J. CONROY, Manager, formerly assigned to the Service Department, has been assigned to the Emergency Planning Department.

RONALD E. LONG, Manager, formerly assigned to the Accounting Department, has been assigned to the Service Department.

Please acknowledge receipt of the operating circular by promptly returning the enclosed receipt card.

ALFRED HAYES,
President.

**FEDERAL RESERVE BANK
OF NEW YORK**

[Operating Circular No. 1]
[Revised January 17, 1973]

AUTHORIZED SIGNATURES

On the following pages, numbered 2 to 77 inclusive, there is set forth a list containing facsimile signatures of persons authorized to sign on behalf of the Federal Reserve Bank of New York, subject to the conditions and limitations hereinafter set forth or referred to. An index of the names listed in this circular appears on pages 78 through 80. This circular supersedes and cancels Operating Circular No. 1, Revised January 12, 1972, and the First through Sixth Supplements thereto, dated March 3, May 22, July 25, August 23, October 6, and December 1, 1972.

All checks or drafts payable in foreign countries, and all foreign correspondence authorizing payments or transfers of funds, or delivery of securities or other property, must bear the authorized signatures of two officers, and one of such signatures shall be that of the President, the First Vice President, a senior vice president, a vice president, an assistant vice president, or an adviser.

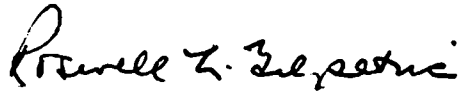
All instruments, documents, correspondence, and other papers in connection with the transaction of domestic business need bear but one authorized signature.

ALFRED HAYES,
President.

CHAIRMAN AND FEDERAL RESERVE AGENT

ROSWELL L. GILPATRICK,
Chairman of the Board
of Directors, and
Federal Reserve Agent,


will sign:

A handwritten signature in black ink that reads "Roswell L. Gilpatrick". The signature is written in a cursive style with a large initial 'R'.

DEPUTY CHAIRMAN

FRANK R. MILLIKEN,
Deputy Chairman of the
Board of Directors,

will sign:

A handwritten signature in black ink that reads "Frank R. Milliken". The signature is written in a cursive style with a large initial 'F'.

PRESIDENT

ALFRED HAYES, President,

will sign: 


FIRST VICE PRESIDENT

WILLIAM F. TREIBER, First Vice President,

will sign: 

SENIOR VICE PRESIDENTS

CHARLES A. COOMBS, Senior Vice President,

will sign: 

RICHARD A. DEBS, Senior Vice President,

will sign: 

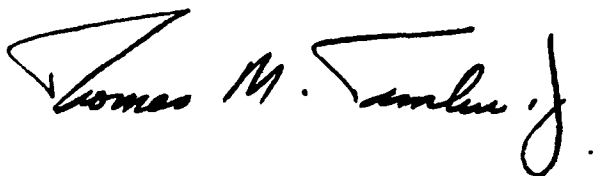
ALAN R. HOLMES, Senior Vice President,

will sign: 

ROBERT G. LINK, Senior Vice President,

will sign: 

THOMAS M. TIMLEN, JR., Senior Vice President,

will sign: 

THOMAS O. WAAGE, Senior Vice President,

will sign: 

VICE PRESIDENTS AND ECONOMIC ADVISER

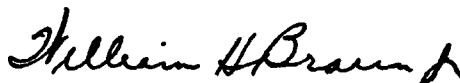
DAVID E. BODNER, Vice President,

will sign:



WILLIAM H. BRAUN, Jr., Vice President,

will sign:



PETER FOUSEK, Vice President,

will sign:



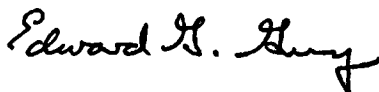
GEORGE GARVY, Economic Adviser,

will sign:



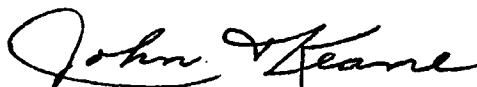
EDWARD G. GUY, Vice President and General Counsel,

will sign:



JOHN T. KEANE, Vice President,

will sign:



LEONARD LAPIDUS, Vice President,

will sign:

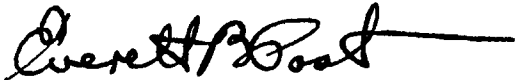


VICE PRESIDENTS AND ECONOMIC ADVISER—Continued

FRED W. PIDERIT, Jr., Vice President,

will sign: 

EVERETT B. POST, Vice President,

will sign: 


THOMAS C. SLOANE, Vice President,

will sign: 


FREDERICK L. SMEDLEY, Vice President,

will sign: 

PETER D. STERNLIGHT, Vice President,

will sign: 

H. DAVID WILLEY, Vice President,

will sign: 

ASSISTANT VICE PRESIDENTS, ADVISERS,
AND ASSISTANT GENERAL COUNSEL

JAMES O. ASTON, Assistant Vice President,

will sign:



A. THOMAS COMBADER, Assistant Vice President,

will sign:



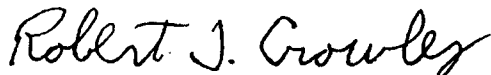
ROBERT L. COOPER, Assistant Vice President,

will sign:



ROBERT J. CROWLEY, Assistant Vice President,

will sign:



HOWARD F. CRUMB, Adviser,

will sign:



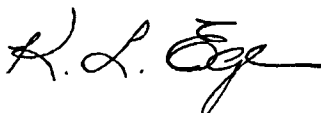
RICHARD G. DAVIS, Adviser,

will sign:




KARL L. EGE, Assistant Vice President,

will sign:



ASSISTANT VICE PRESIDENTS, ADVISERS,
AND ASSISTANT GENERAL COUNSEL—*Continued*

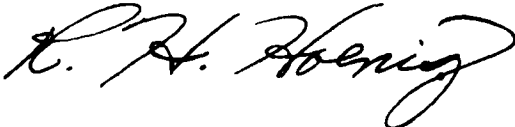
MARTIN FRENCH, Assistant Vice President,

will sign: 

RALPH H. GELDER, Assistant Vice President,

will sign: 

RICHARD H. HOENIG, Assistant Vice President,

will sign: 

PETER P. LANG, Adviser,

will sign: 

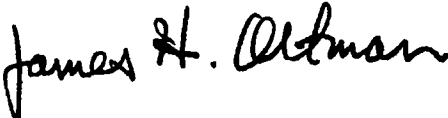
MADELINE H. McWHINNEY, Assistant Vice President,

will sign: 

PAUL MEEK, Assistant Vice President,

will sign: 

JAMES H. OLTMAN, Assistant General Counsel,

will sign: 

ASSISTANT VICE PRESIDENTS, ADVISERS,
AND ASSISTANT GENERAL COUNSEL—*Continued*

SCOTT E. PARDEE, Assistant Vice President,

will sign:

Scott E. Pardee

EDWIN R. POWERS, Assistant Vice President,

will sign:

ER Powers

CHARLES R. PRICHER, Assistant Vice President,

will sign:

Chicher

A. MARSHALL PUCKETT, Assistant Vice President,

will sign:

A. Marshall Puckett

BENEDICT RAFANELLO, Assistant Vice President,

will sign:

Benedict Rafanello

WALTER S. RUSHMORE, Assistant Vice President,

will sign:

W. Rushmore

FREDERICK C. SCHADRACK, Jr., Adviser,

will sign:

Frederick C. Schadrack Jr.


WILLIAM M. SCHULTZ, Assistant Vice President,

will sign:

Wm. M. Schultz

ASSISTANT VICE PRESIDENTS, ADVISERS,
AND ASSISTANT GENERAL COUNSEL—*Continued*

ALOYSIUS J. STANTON, Assistant Vice President,

will sign: 

ROBERT C. THOMAN, Assistant Vice President,

will sign: 

PHILIP VAN ORMAN, Assistant Vice President,

will sign: 

ROBERT YOUNG, Jr., Assistant General Counsel,

will sign: 

OTHER OFFICERS

PAUL AIKEN, Manager, Computer Support Department,

will sign: 

BRUCE G. ALEXANDER, Manager, Personnel Department,

will sign: 

OTHER OFFICERS — *Continued*

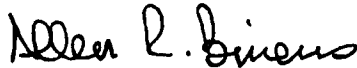
LEONARD I. BENNETTS, Manager, Check Adjustment and Return Items
Department,

will sign:



ALLEN R. BIVENS, Assistant Counsel,

will sign:



JAMES H. BOOTH, Manager, Regulations and Bank Analysis
Department,

will sign:



ARMOND J. BRAIGER, Manager, Savings Bond Department,

will sign:



LOUIS J. BRENDEL, Manager, Planning Department,

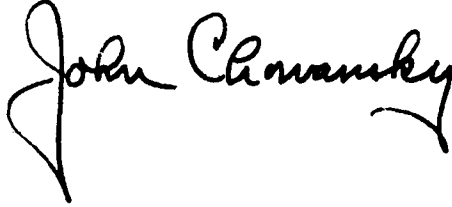
will sign:



OTHER OFFICERS—*Continued*

JOHN CHOWANSKY, Manager, Management Information Department,

will sign:



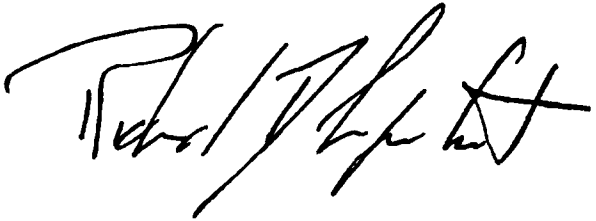
LOUIS J. CONROY, Manager, Emergency Planning Department,

will sign:



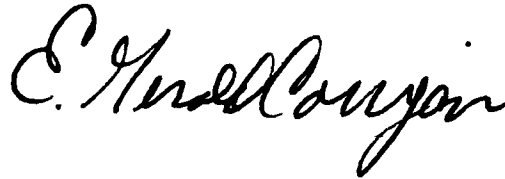
RICHARD D. COOPERSMITH, Assistant Counsel,

will sign:



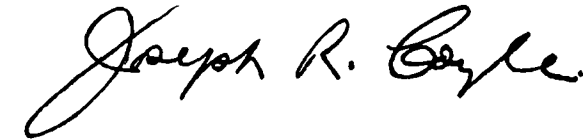
E. GERALD CORRIGAN, Secretary,

will sign:



JOSEPH R. COYLE, Securities Trading Officer,

will sign:



FRED A. DENESEVICH, Manager, North Jersey Regional
Check Processing Center,

will sign:



OTHER OFFICERS—*Continued*

ADAM R. DICK, Manager, Bank Relations Department,

will sign: 

MATTHEW C. DREXLER, Manager, Building Operating Department,

will sign: 

EDNA E. EHRLICH, Manager, International Research Department,

will sign: 

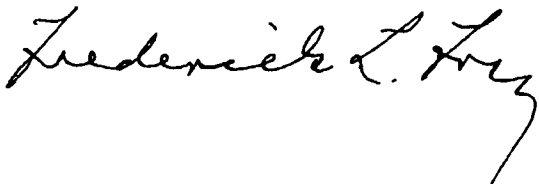
EUGENE P. EMOND, Manager, Credit and Discount Department,

will sign: 

CHESTER B. FELDBERG, Assistant Counsel,

will sign: 

FREDERICK L. FREY, Chief Examiner,

will sign: 

OTHER OFFICERS—*Continued*

HENRY S. FUJARSKI, Jr., Manager, Accounting Department,

will sign:



PETER J. FULLEN, Manager, Computer Operations Department,

will sign:



MARGARET L. GREENE, Manager, Foreign Department,

will sign:



MICHAEL J. HAMBURGER, Senior Economist,

will sign:



GERALD HAYDEN, Manager, Computer Planning Department,

will sign:



MATTHEW J. HOEY, Manager, Government Bond and Safekeeping Department,

will sign:



OTHER OFFICERS—*Continued*

LEON R. HOLMES, Manager, Cash Custody Department; Manager,
Collection Department,

will sign: 

JOHN C. HOULOUIS, Manager, Payment Systems Department,

will sign: 

WHITNEY R. IRWIN, Manager, Cash Department,

will sign: 

BERNARD J. JACKSON, Manager, Foreign Department,

will sign: 


EDWARD F. KIPFSTUHL, Manager, Foreign Banking Regulations
Department,

will sign: 

THOMAS P. KIPP, Manager, Check Processing Department,

will sign: 

FRED H. KLOPSTOCK, Senior Economist,

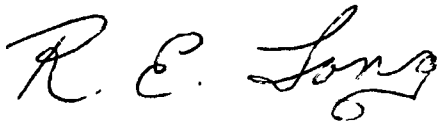
will sign: 

OTHER OFFICERS—Continued

LEON KOROBOW, Manager, Banking Studies Department,

will sign: 


RONALD E. LONG, Manager, Service Department,

will sign: 

JOSEPH M. O'CONNELL, Manager, Check Processing Department,

will sign: 

THEODORE N. OPPENHEIMER, Assistant Secretary,

will sign: 

ERNEST T. PATRIKIS, Assistant Counsel,


will sign: 

LEOPOLD S. RASSNICK, Assistant Counsel, and Assistant Secretary,

will sign: 

OTHER OFFICERS—*Continued*

MARY J. RODGERS, Assistant Counsel,

will sign: 

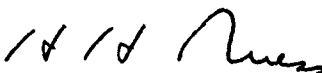
FRANCIS H. ROHRBACH, Manager, Personnel Department,

will sign: 

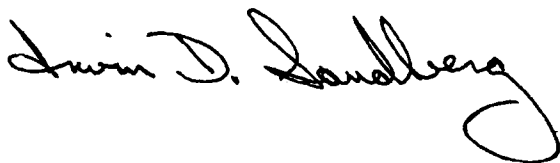
EDWIN S. ROTHMAN, Manager, Foreign Department,

will sign: 


HERBERT H. RUESS, Manager, Credit and Discount Department,

will sign: 

IRWIN D. SANDBERG, Manager, Acceptance Department; Manager,
Securities Department,

will sign: 

RALPH C. SCHINDLER, Research Computer Officer,

will sign: 

BENJAMIN STACKHOUSE, Manager, Bank Applications Department,

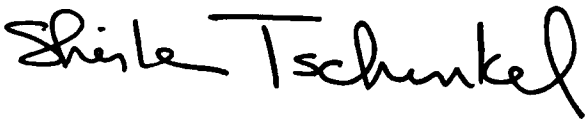
will sign: 

OTHER OFFICERS — *Continued*


RUDOLF THUNBERG, Manager, Domestic Research Department,

will sign: 

SHEILA L. TSCHINKEL, Manager, Securities Department,

will sign: 

RUTH ANN TYLER, Manager, Personnel Department,

will sign: 

RICHARD VOLLKOMMER, Manager, Government Bond and Safekeeping Department,

will sign: 

WILLIAM M. WALSH, Manager, Research Computer Department,

will sign: 

STEPHEN P. WEIS, Manager, Security Custody Department,

will sign: 

WILLIAM H. WETENDORF, Manager, Protection Department,

will sign: 

OTHER SIGNERS

1. The following have authority to sign correspondence relating to the work of the functions or departments indicated after their respective names :

CARL H. ALLEN, Special Assistant, Bank Relations Department,

will sign: 

MARK E. ASCERNO, Chief, Savings Bond Division, Savings Bond Department,

(See index for other authority)

will sign: 

JAMES R. AUTON, Assistant Chief, Foreign Operations Division, Foreign Department,

(See index for other authority)

will sign: 

THOMAS C. BARMAN, Assistant Chief, Foreign Operations Division, Foreign Department,

(See index for other authority)

will sign: 

MARTIN BARRETT, Special Assistant, Domestic Research, International Research, and Statistics Departments,

will sign: 

STEPHEN J. BERNATOWICZ, Assistant Chief, Securities Clearance Division, Government Bond and Safekeeping Department,

(See index for other authority)

will sign: 

OTHER SIGNERS — *Continued*

Paragraph 1 (page 18) — *Continued*

ALFRED A. BEVACQUA, Jr., Special Representative, Bank Relations
Department,

will sign: 

JORGE A. BRATHWAITE, Assistant Chief, Government Bond Division,
Government Bond and Safekeeping Department,
(See index for other authority)

will sign: 


PATRICK V. BROSNIHAN, Assistant Chief, Check Adjustment Division,
Check Adjustment and Return Items Department,
(See index for other authority)

will sign: 

GEORGE BUDZEIKA, Special Assistant, Banking Studies Department,

will sign: 

EDWIN W. CARROLL, Special Assistant, Foreign Department,
(See index for other authority)

will sign: 

BRUCE A. CASSELLA, Special Representative, Bank Relations
Department,

will sign: 

OTHER SIGNERS — *Continued*

Paragraph 1 (page 18) — *Continued*


EDWARD J. CHURNEY, Administrative Assistant, Savings Bond
Department,
(See index for other authority)

will sign:



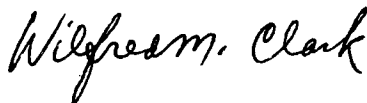
PAUL J. CIEURZO, Chief, Securities Clearance Division, Government
Bond and Safekeeping Department,
(See index for other authority)

will sign:



WILFRED M. CLARK, Special Assistant, Computer Planning
Department,

will sign:



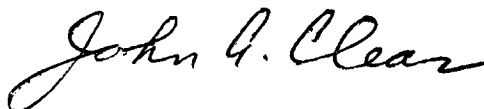
STEPHEN V. O. CLARKE, Special Assistant, Domestic Research, Inter-
national Research, and Statistics Departments,

will sign:



JOHN A. CLEAR, Supervising Review Examiner, Bank Examinations
Department,

will sign:



MILTON DIETZ, Assistant Chief, Safekeeping Division, Government
Bond and Safekeeping Department,
(See index for other authority)

will sign:



OTHER SIGNERS — *Continued*

Paragraph 1 (page 18) — *Continued*

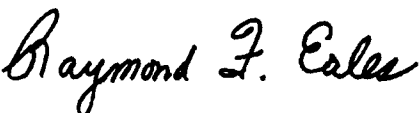
PETER F. DIYORIO, Special Assistant, Building Operating
Department,

will sign: 

JOHN A. DUGAN, Special Assistant, Bank Relations Department,

will sign: 


RAYMOND F. EALES, Special Assistant, Computer Planning
Department,

will sign: 


ALBERT ECKSTEIN, Special Assistant, Banking Studies Department,

will sign: 

THOMAS J. FAY, Jr., Chief, Cable Division, Foreign Department,

will sign: 

WILLIAM G. FERRARA, Chief, Research Operations Systems Support
Division, Research Computer Department,

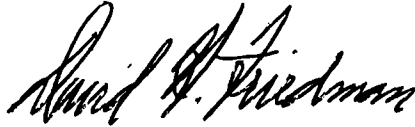
will sign: 

OTHER SIGNERS — *Continued*

Paragraph 1 (page 18) — *Continued*

DAVID H. FRIEDMAN, Economist, Public Information Division, Public Information Department,

will sign:



W. RAYMOND GATGENS, Chief, Public Information Division, Public Information Department,

will sign:



ROBERT M. GORDON, Assistant Chief, Government Bond Division, Government Bond and Safekeeping Department,
(See index for other authority)

will sign:



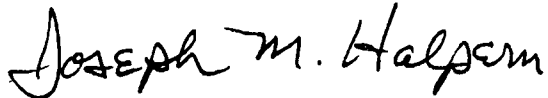
LINWOOD E. GREGORY, Assistant Chief, Return Items Division, Check Adjustment and Return Items Department,
(See index for other authority)

will sign:



JOSEPH M. HALPERN, Supervising Examiner, Bank Examinations Department,

will sign:



ALFRED E. HAMEL, Special Assistant, Bank Supervision and Relations function,

will sign:



OTHER SIGNERS — *Continued*

Paragraph 1 (page 18) — *Continued*

JAMES D. HARRIS, Communications Systems Specialist, Computer Planning Department,

will sign: 


WILLIAM E. HARTMANN, Chief, Check Adjustment Division, Check Adjustment and Return Items Department,
(See index for other authority)

will sign: 


OLEG HOFFMAN, Chief, Research Communications Division, Research Computer Department,

will sign: 

DAVID G. HOLDSWORTH, Special Assistant, Banking Studies Department,

will sign: 

ROBERT V. KEIHNER, Jr., Special Assistant, Government Bond and Safekeeping of Securities function,
(See index for other authority)

will sign: 

ARTHUR A. KLASS, Chief, Government Bond Division, Government Bond and Safekeeping Department,
(See index for other authority)

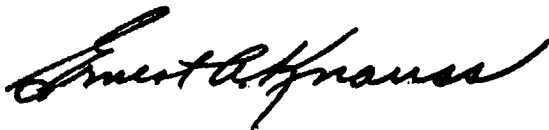
will sign: 

OTHER SIGNERS — *Continued*

Paragraph 1 (page 18) — *Continued*

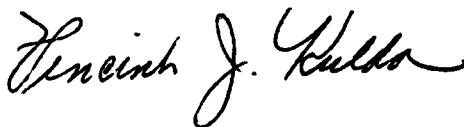
ERNEST A. KNAUSS, Special Assistant, Personnel Department,

will sign:



VINCENT J. KULDA, Special Assistant, Foreign Banking Regulations
Department,

will sign:



EDWIN V. LARSON, Assistant Chief, Savings Bond Division,
Savings Bond Department,

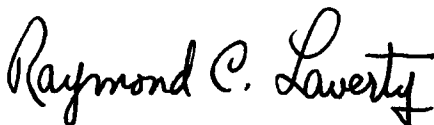
(See index for other authority)

will sign:



RAYMOND C. LAVERTY, Special Representative, Bank Relations
Department,

will sign:



G. CARROLL MARTENSON, Chief, Foreign Operations Division,
Foreign Department,

(See index for other authority)

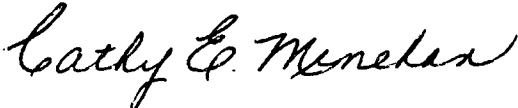
will sign:



OTHER SIGNERS — *Continued*

Paragraph 1 (page 18) — *Continued*

CATHY E. MINEHAN, Assistant Chief, Public Information Division,
Public Information Department,

will sign: 


IRENE E. NOVAK, Training Director, Personnel Department,

will sign: 

JAMES F. PHELAN, Administrative Assistant, Government Bond and
Safekeeping of Securities function,
(See index for other authority)

will sign: 

ANTHONY V. PUCCIARELLI, Chief, Management Information Division,
Management Information Department,

will sign: 

FRANK P. PUFF, Chief, Return Items Division, Check Adjustment and
Return Items Department,
(See index for other authority)

will sign: 

JOHN A. REED, Special Assistant, Domestic Research, International
Research, and Statistics Departments,

will sign: 

OTHER SIGNERS — *Continued*

Paragraph 1 (page 18) — *Continued*

JOHN P. REICH, Special Representative, Bank Relations Department,

will sign: 

PAUL RIVERS, Special Assistant, Foreign Department,

will sign: 

DANIEL L. ROSEN, Special Assistant, Public Information Department,

will sign: 


GEORGE W. RYAN, Special Assistant, Foreign Department,
(See index for other authority)

will sign: 

ARTHUR W. SAMANSKY, Special Assistant, Public Information
Department,

will sign: 

NOEL R. SCAFFA, Chief, Personnel Relations Division, Personnel
Department,

will sign: 

OTHER SIGNERS — *Continued*

Paragraph 1 (page 18) — *Continued*

DONALD E. SCHMID, Chief, Safekeeping Division, Government Bond
and Safekeeping Department,
(See index for other authority)

will sign:



MARGARET E. SLATTERY, Chief, Personnel Services Division,
Personnel Department,

will sign:



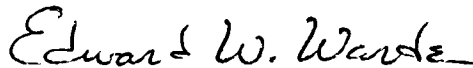
STEPHEN G. THIEKE, Special Assistant, Government Bond and
Safekeeping of Securities function,

will sign:



EDWARD W. WARDE, Supervising Review Examiner, Bank
Examinations Department,

will sign:



2. The following have authority to sign correspondence relating to
the work of the divisions indicated after their respective names:

PATSY C. ABELLE, Chief, Securities Regulations Division, Regulations
and Bank Analysis Department,

will sign:

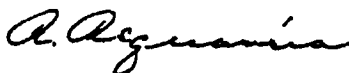


OTHER SIGNERS — *Continued*

Paragraph 2 (page 27) — *Continued*

ANTHONY O. ACQUAVIVA, Chief, Coin Division, Cash Department,
(See index for other authority)

will sign:



DONALD F. AISSA, Assistant Chief, Coupon Division, Collection
Department,

(See index for other authority)

will sign:



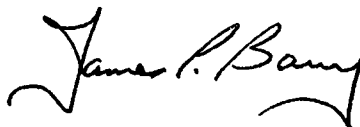
ETHAN W. ALLEN, Office Manager (Relocation Office), Relocation
Office Division,

will sign:



JAMES P. BARRY, Senior Regulations Specialist, Regulations and Bank
Analysis Division, Regulations and Bank Analysis Department,

will sign:



DANIEL BOLWELL, Assistant Chief, Securities Operations Division,
Securities Department,

(See index for other authority)

will sign:



KAREN J. BOPP, Assistant Chief, Collection Division, Collection
Department,

(See index for other authority)

will sign:



OTHER SIGNERS — *Continued*

Paragraph 2 (page 27) — *Continued*

JOSEPH P. BOTTA, Assistant Chief, Accounting Division, Accounting Department,
(See index for other authority)

will sign:



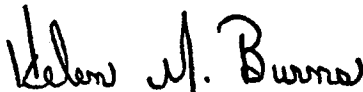
ROBERT J. BRANCH, Senior Technical Representative, Technical Assistance Division, Bank Relations Department,

will sign:



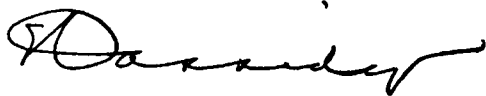
HELEN M. BURNS, Chief Law Librarian, Law Library Division, Legal Department,

will sign:



FRANK X. CASSIDY, Chief, Sorting and Counting Division, Cash Department,
(See index for other authority)

will sign:



VINCENT P. CENTORRINO, Assistant Chief, Data Processing Division, Computer Operations Department,

will sign:



OTHER SIGNERS — *Continued*

Paragraph 2 (page 27) — *Continued*

JOSEPH A. CLARK, Chief, Credit Division, Credit and Discount
Department,

will sign: 

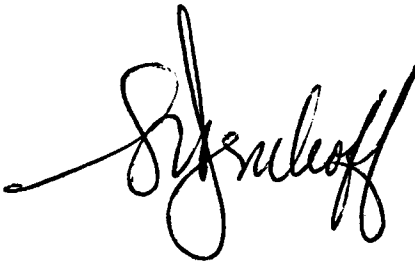
GERARD F. CLODGO, Assistant Chief, Salary Analysis Division,
Personnel Department,

will sign: 


RODNEY H. CONGDON, Assistant Chief Law Librarian, Law Library
Division, Legal Department,

will sign: 

EDWARD H. DENHOFF, Chief, Long Island Regional Check Processing
Division, Check Processing Department,
(See index for other authority)

will sign: 

JOSEPH F. DONNELLY, Assistant Chief, Accounting Division,
Accounting Department,
(See index for other authority)

will sign: 

JAMES F. EGAN, Chief, Salary Analysis Division, Personnel
Department,

will sign: 

OTHER SIGNERS — *Continued*

Paragraph 2 (page 27) — *Continued*

JOHN M. EIGHMY, Assistant Chief, Sorting and Counting Division,
Cash Department,
(See index for other authority)

will sign:



CHARLES A. GELARDI, Chief, Building Maintenance Division, Building
Operating Department,

will sign:



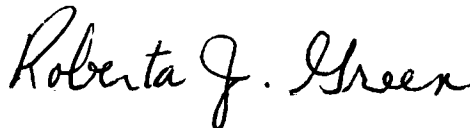
FRANKLIN S. GOINS, Assistant Chief, Coin Division, Cash Department,
(See index for other authority)

will sign:



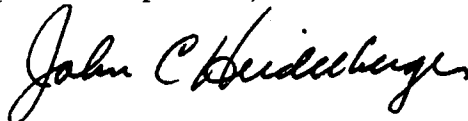
ROBERTA J. GREEN, Assistant Employment Director, Employment
Division, Personnel Department,

will sign:



JOHN C. HEIDELBERGER, Assistant Chief, Communications Services
Division, Computer Operations Department,

will sign:



OTHER SIGNERS — *Continued*

Paragraph 2 (page 27) — *Continued*

RALPH T. HELFRICH, Chief, Securities Operations Division, Securities
Department,
(See index for other authority)

will sign:



JOHN H. HENDRICKSON, Chief, Visual Aids Division, Domestic
Research Department,

will sign:



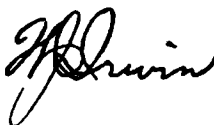
PATRICIA HUMPHREYS, Director of Employee Activities, Personnel
Relations Division, Personnel Department,
(See index for other authority)

will sign:



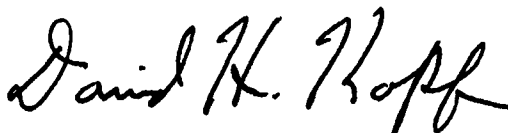
WILLIAM J. IRWIN, Chief, Check Processing Division (Day), Check
Processing Department,
(See index for other authority)

will sign:



DAVID H. KOPF, Chief, Money and Finance Division, Domestic Research
Department,

will sign:



OTHER SIGNERS — Continued

Paragraph 2 (page 27) — *Continued*

JOHN W. LANZA, Chief, Paying and Receiving Division, Cash
Department,
(See index for other authority)

will sign:



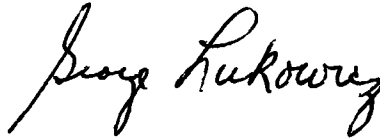
CHARLES M. LUCAS, Chief, Market Statistics Division, Statistics
Department,

will sign:



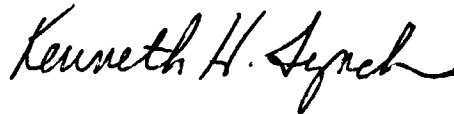
GEORGE LUKOWICZ, Chief, Communications Services Division,
Computer Operations Department,

will sign:



KENNETH H. LYNCH, Assistant Chief, Computer Operations
Division, Computer Operations Department,

will sign:



MARIE B. MACCHIONE, Assistant Chief, Personnel Services Division,
Personnel Department,
(See index for other authority)

will sign:



OTHER SIGNERS — *Continued*

Paragraph 2 (page 27) — *Continued*

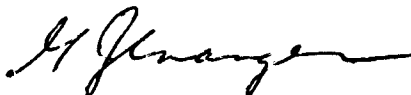
CLETUS J. MACKIN, Assistant Chief, Paying and Receiving Division,
Cash Department,
(See index for other authority)

will sign:



GEORGE J. MANGER, Chief, Data Processing Division, Computer
Operations Department,
(See index for other authority)

will sign:



RUDOLPH J. MARCO, Assistant Chief, Sorting and Counting Division,
Cash Department,
(See index for other authority)

will sign:



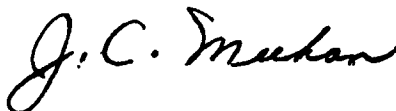
ELLIOTT C. MCENTEE, Assistant Chief, Wire Transfer Division,
Collection Department,
(See index for other authority)

will sign:



JOSEPH C. MEEHAN, Chief Engineer, Power Plant Division, Building
Operating Department,

will sign:



OTHER SIGNERS — *Continued*

Paragraph 2 (page 27) — *Continued*

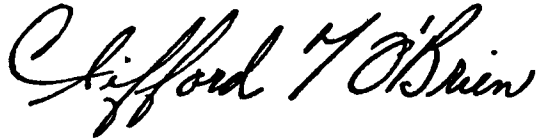
GEORGE MIGNONE, Assistant Chief, Paying and Receiving Division,
Cash Department,
(See index for other authority)

will sign:



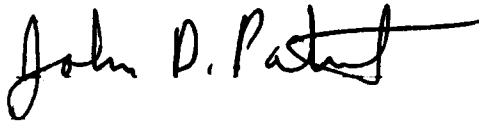
CLIFFORD T. O'BRIEN, Chief, Collection Division, Collection
Department,
(See index for other authority)

will sign:



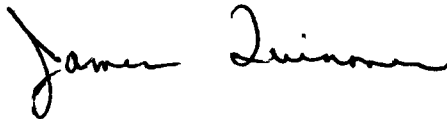
JOHN D. PATRICK, Chief, Balance of Payments Division, International
Research Department,

will sign:



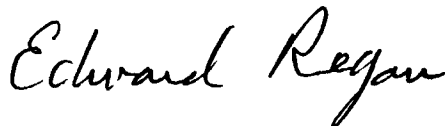
JAMES QUINONES, Assistant Chief, Computer Operations Division,
Computer Operations Department,

will sign:



EDWARD J. REGAN, Chief, Financial Statistics Division, Statistics
Department,

will sign:



OTHER SIGNERS — *Continued*

Paragraph 2 (page 27) — *Continued*

EDMOND P. REILLY, Assistant Chief, Cable Division, Foreign
Department,

will sign:



ROBERT C. RELYEA, Chief, Foreign Banking Regulations Division,
Foreign Banking Regulations Department,

will sign:



CHARLES E. ROCKEY, Chief, Coupon Division, Collection Department,
(See index for other authority)

will sign:



EDWARD J. ROONEY, Jr., Chief, Circulars Division, Secretary's Office,

will sign:



ANTHONY N. SAGLIANO, Chief, Post Office Division, Service
Department,

(See index for other authority)

will sign:



OTHER SIGNERS — *Continued*

Paragraph 2 (page 27) — *Continued*

GREGORY C. SCHMID, Chief, Foreign Research Division, International
Research Department,

will sign: 

ROBERT C. SCRIVANI, College Relations Representative, Employment
Division, Personnel Department,

will sign: 

ANTHONY J. SEGESTI, Chief, Bank Applications Division, Bank
Applications Department,

will sign: 

ANTHONY C. SGAMBAT, Chief, Building Service Division, Building
Operating Department,

will sign: 

RICHARD J. SHEEHAN, Assistant Chief, Disbursing Division,
Accounting Department,


(See index for other authority)

will sign: 

OTHER SIGNERS — *Continued*

Paragraph 2 (page 27) — *Continued*

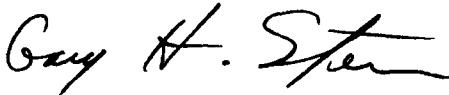
LEO J. SMITH, Special Assistant, Bank Applications Division, Bank Applications Department,

will sign: 

ROBERT B. STARKIE, Assistant Chief, Coupon Division, Collection Department,
(See index for other authority)

will sign: 

GARY H. STERN, Chief, Business Conditions Division, Domestic Research Department,

will sign: 

JOHN J. STRICK, Chief, Disbursing Division, Accounting Department,

will sign: 

LEO W. VAN BEEK, Employment Director, Employment Division, Personnel Department,

will sign: 

SIGURDS A. VIDZIRKSTE, Assistant Chief, Visual Aids Division, Domestic Research Department,

will sign: 

OTHER SIGNERS — *Continued*

Paragraph 2 (page 27) — *Continued*

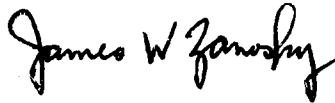
HENRY F. WIENER, Assistant Chief, Personnel Relations Division,
Personnel Department,

will sign:



JAMES W. ZANOSKY, Chief, Computer Operations Division, Computer
Operations Department,

will sign:



3. The following has authority to sign correspondence relating to
the emergency planning operations of the Bank:

ROBERT E. PRIDDY, Special Assistant, Emergency Planning
Department,

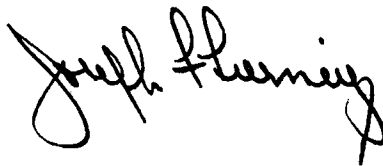
will sign:



4. The following has authority to sign correspondence in connection
with the work of the Bank Examinations Department as it concerns
trust department examinations and other matters relative to
fiduciary activities of member banks:

JOSEPH F. TIERNEY, Supervising Review Examiner, Bank
Examinations Department,

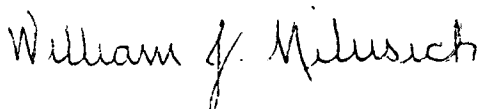
will sign:



5. The following has authority to sign correspondence in connection
with the work of the Bank Examinations Department as it concerns
examinations of the foreign departments of member banks,
examinations of Edge Act corporations, and examinations or surveys
of foreign branches of member banks:

WILLIAM J. MILUSICH, Supervising Examiner, Bank Examinations
Department,

will sign:



OTHER SIGNERS — *Continued*

6. The following have authority to sign (a) correspondence relating to the work of the Research Library Division, Domestic Research Department, and (b) purchase-order forms for printed matter furnished or to be furnished to the Research Library Division:

JEAN DEUSS, Chief Librarian, Research Library Division, Domestic Research Department,


will sign: 

SUSAN M. PALMATIER, Assistant Chief Librarian, Research Library Division, Domestic Research Department,

will sign: 

7. The following has authority to sign (a) correspondence relating to supplies and equipment purchased or proposed to be purchased by the Bank or relating to services rendered or proposed to be rendered to the Bank, and (b) purchase-order forms and contracts for such supplies, equipment, and services:

FREDERICK W. FORBERG, Purchasing Agent, Purchasing Division, Planning Department,

will sign: 

8. The following has authority to sign purchase-order forms and contracts covering supplies, equipment, and services furnished or to be furnished to the Bank:

JOSEPH J. MALENA, Assistant Purchasing Agent, Purchasing Division, Planning Department,

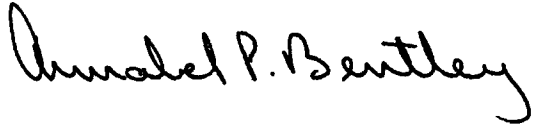
will sign: 

OTHER SIGNERS — *Continued*

9. The following have authority to sign per procurement correspondence relating to the routine operations of the departments or divisions indicated after their respective names:

ANNABEL P. BENTLEY (Public Information Department)

will sign:
per pro



RALPH A. CANN III (Planning Department)

will sign:
per pro



DOROTHY E. DENNIS (Personnel Services Division of the Personnel Department)

will sign:
per pro



DORIS GREVIOUS (Personnel Relations Division of the Personnel Department)

will sign:
per pro



CAMILLE PIEDILATO (Research Computer Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

10. The following have authority to sign per procurement correspondence, advices, receipts, and tickets relating to the routine operations of the departments or divisions indicated after their respective names:

JOHN W. BAUER (Check Adjustment and Return Items Department)

will sign:
per pro 

HELEN A. BLANK (Long Island Regional Check Processing Division of the Check Processing Department)

will sign:
per pro 

CHARLES F. CHIRICO (Check Adjustment and Return Items Department)

will sign:
per pro 

HENRY T. CHRISTENSEN (Credit and Discount Department)

will sign:
per pro 

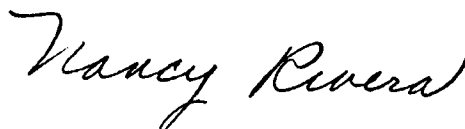
JOHN M. GILLEAUDEAU (Credit and Discount Department)

will sign:
per pro 

ROBERT R. KEANE (Post Office Division of the Service Department)

will sign:
per pro 

NANCY RIVERA (Public Information Department)

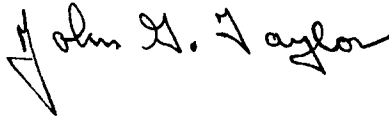
will sign:
per pro 

OTHER SIGNERS — *Continued*

Paragraph 10 (page 42) — *Continued*

JOHN G. TAYLOR (Post Office Division of the Service Department)

will sign:
per pro



11. The following have authority to sign per procurement advices, receipts and tickets, and checks drawn on this Bank, relating to the routine operations of the departments indicated after their respective names:

BENJAMIN C. ARMATO (Foreign Department)

will sign:
per pro



JOSEPH P. BOTTA (Accounting Department)
(See index for other authority)

will sign:
per pro



CARLOS M. BOVELL (Accounting Department)

will sign:
per pro



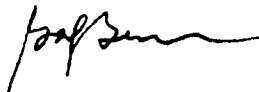
LORRAINE D. CARLSON (Foreign Department)

will sign:
per pro



GASPARE DE GESU (Foreign Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 11 (page 43) — *Continued*

FREDERICK G. DEPENBROCK (Government Bond and Safekeeping Department)

will sign:

per pro



MILTON DIETZ (Government Bond and Safekeeping Department)
(See index for other authority)

will sign:

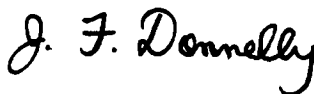
per pro



JOSEPH F. DONNELLY (Accounting Department)
(See index for other authority)

will sign:

per pro



CHRISTINE M. GALLUCCI (Foreign Department)

will sign:

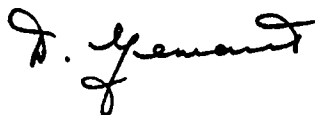
per pro



DOROTHY GERNANT (Foreign Department)

will sign:

per pro



CATHERINE J. GORMAN (Government Bond and Safekeeping Department)

will sign:

per pro

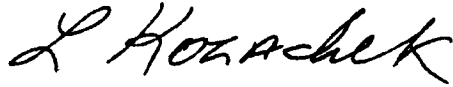


OTHER SIGNERS — *Continued*

Paragraph 11 (page 43) — *Continued*

LILLIAN A. KOZACHEK (Accounting Department)

will sign:
per pro



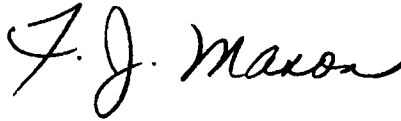
OLGA LESSUK (Foreign Department)

will sign:
per pro



FRANK J. MASON (Foreign Department)

will sign:
per pro



WILLIAM J. MAYNES (Collection Department)

will sign:
per pro



ELLIOTT C. MCENTEE (Collection Department)

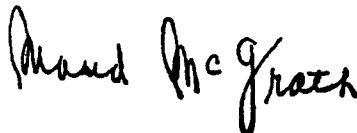
(See index for other authority)

will sign:
per pro



MAUD L. McGRATH (Foreign Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 11 (page 43) — *Continued*

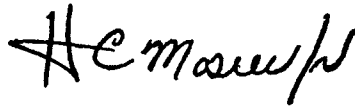
JOHN J. MILLER (Foreign Department)

will sign:
per pro



HARRY C. MOSIER, Jr. (Government Bond and Safekeeping Department)

will sign:
per pro



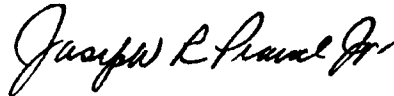
THOMAS J. O'CONNELL (Foreign Department)

will sign:
per pro



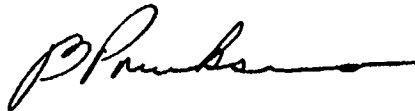
JOSEPH R. PRANCL, Jr. (Accounting Department)

will sign:
per pro



JEFFREY B. PRUIKSMA (Foreign Department)

will sign:
per pro



DAVID J. QUINLAN (Government Bond and Safekeeping Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 11 (page 43) — *Continued*

DONALD E. SCHMID (Government Bond and Safekeeping
Department)

(See index for other authority)

will sign:
per pro



JOHN J. SLOAN (Accounting Department)

will sign:
per pro



MIRIAM J. SOLEY (Foreign Department)

will sign:
per pro

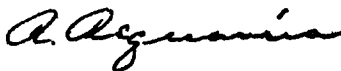


12. The following have authority to sign per procurement advices, receipts, and tickets relating to the routine operations of the functions, departments, or divisions indicated after their respective names:

ANTHONY O. ACQUAVIVA (Coin Division of the Cash Department)

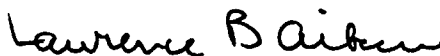
(See index for other authority)

will sign:
per pro



LAWRENCE B. AIKEN (Acceptance Department)

will sign:
per pro



SALVATORE J. AMARI (Accounting Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 12 (page 47) — *Continued*

ROBERT J. AMBROSE (Check Processing Department)

will sign:
per pro



ADELE H. ANGOWSKI (Savings Bond Department)

will sign:
per pro



ALVIN N. AUGUSTUS (Check Processing Department)

will sign:
per pro



SALVATORE AZZINNARI (Accounting Division of the Accounting Department)

will sign:
per pro



VIRGINIA BEDROSIAN (Check Adjustment and Return Items Department)

will sign:
per pro



ELI L. BERGER (Accounting Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 12 (page 47) — *Continued*

STEPHEN J. BERNATOWICZ (Government Bond and Safekeeping
Department)

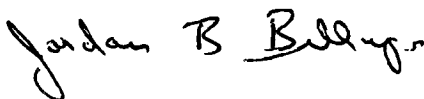
(See index for other authority)

will sign:
per pro



JORDAN B. BILLUPS (Check Processing Department)

will sign:
per pro



DANIEL BOLWELL (Securities Department)

(See index for other authority)

will sign:
per pro



PATRICK V. BROSNIHAN (Check Adjustment and Return Items
Department)

(See index for other authority)

will sign:
per pro



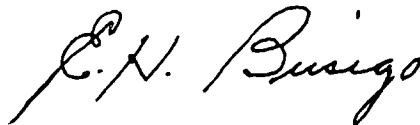
VERONICA J. BURNS (Check Processing Department)

will sign:
per pro



EDWARD H. BUSIGO (Coupon Division of the Collection Department)

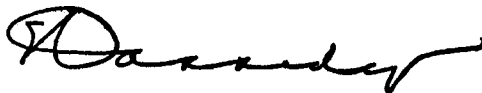
will sign:
per pro



FRANK X. CASSIDY (Sorting and Counting Division of the Cash
Department)

(See index for other authority)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 12 (page 47) — *Continued*

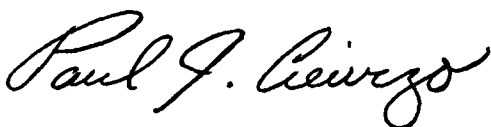
ROBERT A. CHATTEN (Accounting Department)

will sign:
per pro



PAUL J. CIEURZO (Government Bond and Safekeeping Department)
(See index for other authority)

will sign:
per pro



MARY R. CLARKIN (Securities Department)

will sign:
per pro



RONALD S. COOK (Government Bond and Safekeeping Department)

will sign:
per pro



ERNEST R. COOPER (Acceptance Department)

will sign:
per pro



SALVATORE F. COSTA (Check Adjustment and Return Items
Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 12 (page 47) — *Continued*

JOSEPH G. COYNE (Check Processing Department)

will sign:
per pro



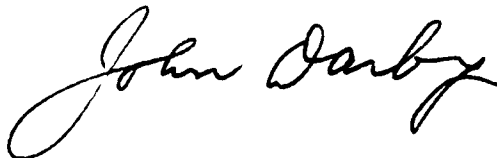
ANTOINETTE CUMMINS (Collection Division of the Collection Department)

will sign:
per pro



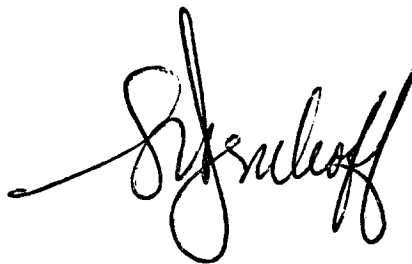
JOHN P. DARBY (Check Adjustment and Return Items Department)

will sign:
per pro



EDWARD H. DENHOFF (Long Island Regional Check Processing Division of the Check Processing Department)
(See index for other authority)

will sign:
per pro



AUGUST W. DITZEL (Check Processing Department)

will sign:
per pro



GERARD A. DUNN (Check Processing Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 12 (page 47) — *Continued*

KENNETH R. DUSS (Check Processing Department)

will sign:
per pro



THOMAS F. EGAN (Check Processing Department)

will sign:
per pro



JOHN M. EIGHMY (Sorting and Counting Division of the Cash Department)

(See index for other authority)

will sign:
per pro



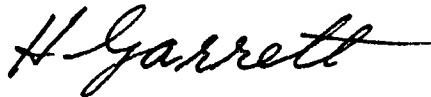
RICHARD S. FAZIO (Accounting Department)

will sign:
per pro



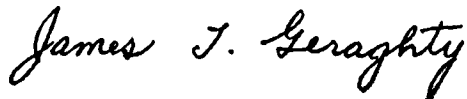
HUGH S. GARRETT (Data Processing Division of the Computer Operations Department)

will sign:
per pro



JAMES T. GERAGHTY (Acceptance Division of the Acceptance Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 12 (page 47) — *Continued*

FRANKLIN S. GOINS (Coin Division of the Cash Department)
(See index for other authority)

will sign:
per pro



WILLIAM F. GRAY (Check Processing Department)

will sign:
per pro



LINWOOD E. GREGORY (Check Adjustment and Return Items
Department)
(See index for other authority)

will sign:
per pro



JOSEPH J. GRIMSHAW (Government Bond and Safekeeping
Department)

will sign:
per pro



WILLIAM E. HARTMANN (Check Adjustment and Return Items
Department)
(See index for other authority)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 12 (page 47) — *Continued*

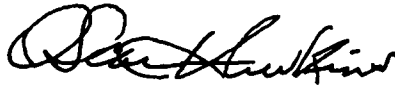
PHYLLIS HAVLICEK (Accounting Department)

will sign:
per pro



OSCAR HAWKINS (Check Processing Department)

will sign:
per pro



RALPH T. HELFRICH (Securities Department)

(See index for other authority)

will sign:
per pro



EDGAR J. HESS (Check Processing Department)

will sign:
per pro



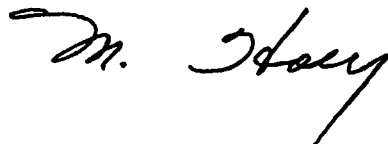
WILLIAM A. HOENSCHIED (Wire Transfer Division of the Collection Department)

will sign:
per pro



MARGARET V. HOEY (Check Processing Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 12 (page 47) — *Continued*

PATRICIA HUMPHREYS (Personnel Department)

(See index for other authority)

will sign:
per pro



JOSEPHINE A. INGRAM (Check Processing Department)


will sign:
per pro



WILLIAM J. IRWIN (Check Processing Division (Day) of the Check Processing Department)

(See index for other authority)

will sign:
per pro



ETHELIN ISBRUL (Check Processing Department)

will sign:
per pro



RUDOLPH L. JURDAK (Check Processing Department)

will sign:
per pro



ROBERT J. KAMMARADA (Savings Bond Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 12 (page 47) — *Continued*

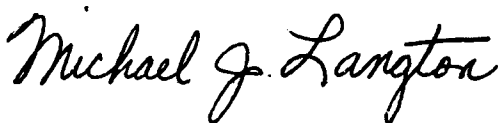
LEONARD F. KOSCIUCH (Check Processing Department)

will sign:
per pro



MICHAEL J. LANGTON (Check Processing Department)

will sign:
per pro



WESLEY C. LAWALL (Accounting Department)

will sign:
per pro



STEVEN LAZERUS (Check Processing Department)

will sign:
per pro



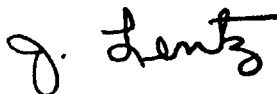
MARTIN E. LEIBOWITZ (Check Processing Department)

will sign:
per pro



JACK H. LENTZ (Savings Bond Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 12 (page 47) — *Continued*

IRENE LEWIS (Check Processing Department)

will sign:
per pro



THOMAS W. LLANES (Check Processing Department)

will sign:
per pro



MARIE B. MACCHIONE (Personnel Department)

(See index for other authority)

will sign:
per pro



JOHN J. MAHER (Check Processing Department)


will sign:
per pro



GEORGE J. MANGER (Data Processing Division of the Computer
Operations Department)

(See index for other authority)

will sign:
per pro



RUDOLPH J. MARCO (Sorting and Counting Division of the Cash
Department)

(See index for other authority)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 12 (page 47) — *Continued*

VERA B. MERCHANT (Long Island Regional Check Processing
Division of the Check Processing Department)

will sign:
per pro



GEORGE MIGNONE (Paying and Receiving Division of the Cash
Department)

(See index for other authority)

will sign:
per pro



MARION T. MIRECKI (Coupon Division of the Collection Department)

will sign:
per pro



JAMES P. MOMBERT (Accounting Department)

will sign:
per pro



DONALD R. MOORE (Check Processing Department)

will sign:
per pro



CHARLES J. O'CONNOR (Check Processing Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 12 (page 47) — *Continued*

JEROME P. PERLONGO (Check Processing Department)

will sign:
per pro



STEPHANIE POTISK (Check Processing Department)

will sign:
per pro



FRANK P. PUFF (Check Adjustment and Return Items Department)
(See index for other authority)

will sign:
per pro



MATTHEW J. PUGLISI (Check Processing Department)

will sign:
per pro



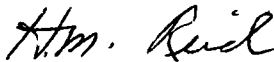
RICHARD R. RANFTLE (Check Processing Department)

will sign:
per pro



HELENE M. REID (Check Processing Department)

will sign:
per pro



CATHERINE REILLY (Check Processing Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 12 (page 47) — *Continued*

ANTHONY N. SAGLIANO (Post Office Division of the Service
Department)

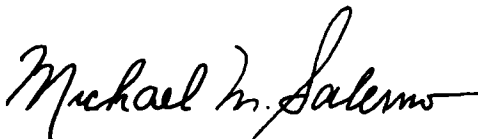
(See index for other authority)

will sign:
per pro



MICHAEL M. SALERNO (Check Processing Department)

will sign:
per pro



YOLANDA SALERNO (Government Bond and Safekeeping Department)

will sign:
per pro



RICHARD J. SHEEHAN (Accounting Department)

(See index for other authority)

will sign:
per pro



REGINALD J. SKOWRONSKI (Savings Bond Department)

will sign:
per pro



DANIEL SPALLONE (Wire Transfer Division of the Collection
Department)

will sign:
per pro



JASON M. STERN (Check Processing Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 12 (page 47) — *Continued*

ALFRED E. STRUB (Check Processing Department)

will sign:
per pro



CECIL L. TUCKER (Check Processing Department)

will sign:
per pro



AUGUST VELLA (Check Processing Department)

will sign:
per pro



MONROE WEISSMAN (Savings Bond Department)

will sign:
per pro



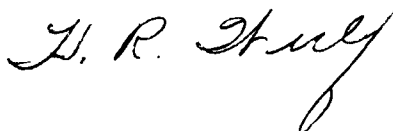
STEPHEN A. WILSON (Check Processing Department)

will sign:
per pro



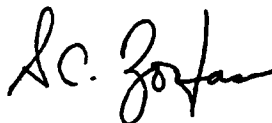
HELENA R. WULF (Long Island Regional Check Processing Division of
the Check Processing Department)

will sign:
per pro



STUART C. ZORFAS (Securities Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

13. The following has authority to sign per procurement correspondence, advices, receipts, and tickets relating to the handling and processing by this Bank, as fiscal agent of the United States pursuant to instructions received by the Bank from the Treasury Department, of Federal tax deposits:

WILLIAM G. FITCH

will sign:
per pro



14. The following has authority to sign per procurement advices, receipts, and tickets relating to the handling and processing by this Bank, as fiscal agent of the United States pursuant to instructions received by the Bank from the Treasury Department, of Federal tax deposits:

DOROTHEA B. EDMOND

will sign:
per pro



15. The following have authority to sign per procurement (a) advices, receipts, and tickets relating to the routine operations of the Paying and Receiving Division of the Cash Department; and (b) certifications of checks, drafts, and other orders for the payment of money drawn on this Bank:

JOHN W. LANZA

(See index for other authority)

will sign:
per pro



CLETUS J. MACKIN

(See index for other authority)

will sign:
per pro



OTHER SIGNERS — *Continued*

16. The following has authority to sign per procurement receipts and advices of credit relating to the routine operations of the Paying and Receiving Division, Cash Department:

RICHARD G. BIRMINGHAM

will sign:
per pro



17. The following have authority to sign per procurement receipts for counterfeit currency received by this Bank:

ANDREW GRIESHABER

will sign:
per pro



CHARLES F. SIGLER

will sign:
per pro



EDWARD L. WASHBURN

will sign:
per pro



18. The following have authority to sign per procurement (a) advices, receipts, and tickets relating to the routine operations of the Collection Department; (b) checks drawn by this Bank as fiscal agent of the United States on the Treasurer of the United States pursuant to instructions received by the Bank from the Treasury Department, including checks so drawn in payment of obligations of the United States; and (c) checks drawn by and on this Bank as fiscal agent of the International Bank for Reconstruction and Development, the Inter-American Development Bank, the Federal National Mortgage

OTHER SIGNERS — *Continued*

Paragraph 18 (page 63) -- *Continued*

Association, the Government National Mortgage Association, and the United States Postal Service in payment of coupons which are obligations of these agencies :

DONALD F. AISSA
(See index for other authority)

will sign:
per pro



CHARLES E. ROCKEY
(See index for other authority)

will sign:
per pro



ROBERT B. STARKIE
(See index for other authority)

will sign:
per pro



19. The following have authority to sign per procuracy (a) checks drawn by this Bank as fiscal agent of the United States on the Treasurer of the United States pursuant to instructions received by the Bank from the Treasury Department, including checks so drawn in payment of obligations of the United States; (b) advices, receipts and tickets, and checks drawn on this Bank, relating to the routine operations of the Government Bond and Safekeeping Department; and (c) checks drawn by and on this Bank as fiscal agent of the International Bank for Reconstruction and Development, the Inter-American Development Bank, the Government National Mortgage Association as Trustee of various trusts, the Federal National Mortgage Association, the Asian Development Bank, the Small Business Administration, and the Federal Home Loan Mortgage Corporation in payment of principal or interest on the obligations of these agencies; and (d) checks drawn by and on this Bank as fiscal agent of the United States on behalf of the Penn Central Transportation Company, the United States Postal Service, the Export-Import Bank

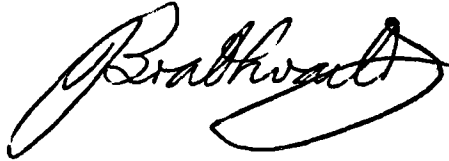
OTHER SIGNERS — *Continued*

Paragraph 19 (page 64) — *Continued*

of the United States, and the Farmers Home Administration in payment of principal or interest on the obligations of these agencies:

JORGE A. BRATHWAITE
(See index for other authority)

will sign:
per pro



ROBERT M. GORDON
(See index for other authority)

will sign:
per pro



ARTHUR A. KLASS
(See index for other authority)

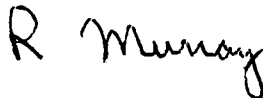
will sign:
per pro



20. The following has authority to sign per pro curation (a) checks drawn by this Bank as fiscal agent of the United States on the Treasurer of the United States pursuant to instructions received by the Bank from the Treasury Department, including checks so drawn in payment of obligations of the United States; (b) advices, receipts, and tickets relating to the routine operations of the Government Bond and Safekeeping Department; and (c) correspondence relating to the routine operations of the Government Bond Division of the Government Bond and Safekeeping Department:

ROBERT V. MURRAY

will sign:
per pro




OTHER SIGNERS — *Continued*

21. The following have authority to sign per procuracy (a) checks drawn by this Bank as fiscal agent of the United States on the Treasurer of the United States pursuant to instructions received by the Bank from the Treasury Department, including checks so drawn in payment of obligations of the United States; and (b) advices, receipts, and tickets relating to the routine operations of the Government Bond and Safekeeping Department:

RONALD E. DITTMAN

will sign:
per pro



WALTER E. MURPHY

will sign:
per pro



JOSEPH W. SMITH

will sign:
per pro



22. The following have authority to sign per procuracy (a) checks drawn by this Bank as fiscal agent of the United States on the Treasurer of the United States in payment of obligations of the United States; and (b) advices, receipts and tickets, and checks drawn on this Bank, relating to the routine operations of the Savings Bond Department:

MARK E. ASCERNO

(See index for other authority)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 22 (page 66) — *Continued*

EDWARD J. CHURNEY
(See index for other authority)

will sign:
per pro



EDWIN V. LARSON
(See index for other authority)

will sign:
per pro



23. The following have authority to sign per procurement (a) checks drawn by this Bank as fiscal agent of the Commodity Credit Corporation on the Treasurer of the United States pursuant to instructions received by the Bank from the Commodity Credit Corporation; and (b) advices, receipts, and tickets relating to the routine operations of the departments or divisions indicated after their respective names:

KAREN J. BOPP (Collection Department)
(See index for other authority)

will sign:
per pro



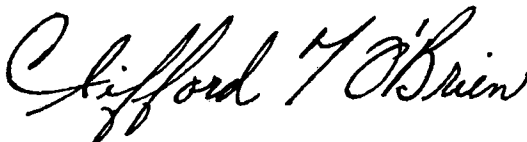
WILLIAM F. LUCID (Collection Division of the Collection Department)

will sign:
per pro



CLIFFORD T. O'BRIEN (Collection Department)
(See index for other authority)

will sign:
per pro

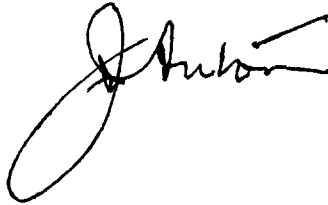


OTHER SIGNERS — *Continued*

24. The following have authority to sign per procuracy (a) advices, receipts and tickets, and checks drawn on this Bank, relating to the routine operations of the Foreign Department; and (b) documents relating to the importation, exportation, and transportation of property in connection with the routine operations of the Foreign Department:

JAMES R. AUTON
(See index for other authority)

will sign:
per pro



THOMAS C. BARMAN
(See index for other authority)

will sign:
per pro



EDWIN W. CARROLL
(See index for other authority)

will sign:
per pro



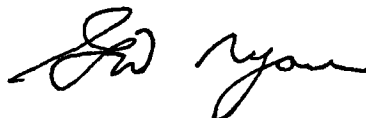
G. CARROLL MARTENSON
(See index for other authority)

will sign:
per pro



GEORGE W. RYAN
(See index for other authority)

will sign:
per pro



OTHER SIGNERS — Continued

25. The following have authority to sign per procurement (a) licenses granted by or under the direction of the Secretary of the Treasury and issued pursuant to instructions received by the Bank from the Office of Foreign Assets Control, Treasury Department; and (b) correspondence and tickets relating to the routine operations of the Foreign Operations Division, Foreign Department, dealing with the regulations of the Office of Foreign Assets Control, Treasury Department:

MARGARET M. GIRSCHICK

will sign:
per pro



JOHN P. SULLIVAN

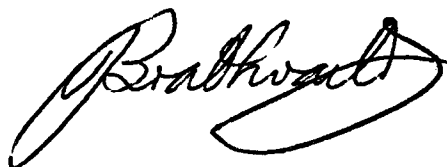
will sign:
per pro



26. The following have authority to sign on behalf of the Bank (a) as fiscal agent of the United States, authentication certificates imprinted on short-term discount note obligations of the Export-Import Bank of the United States, and (b) as fiscal agent of the Federal National Mortgage Association, authentication certificates imprinted on short-term discount note obligations of the Federal National Mortgage Association:

JORGE A. BRATHWAITE
(See index for other authority)

will sign:



MILTON DIETZ
(See index for other authority)

will sign:



OTHER SIGNERS — Continued

Paragraph 26 (page 69) — *Continued*

ROBERT M. GORDON

(See index for other authority)

will sign:



ROBERT V. KEIHNER, JR.

(See index for other authority)

will sign:



ARTHUR A. KLASS

(See index for other authority)

will sign:



DONALD E. SCHMID

(See index for other authority)

will sign:



27. The following has authority to sign on behalf of the Bank as fiscal agent of the Federal National Mortgage Association, authentication certificates imprinted on short-term discount note obligations of the Federal National Mortgage Association:

JAMES F. PHELAN

(See index for other authority)

will sign:



AUDITING DEPARTMENT

28. The following have authority to sign correspondence and reconcilements in connection with the work of the Auditing Department:

Officers

GEORGE C. SMITH, General Auditor,

will sign: 

JOHN E. FLANAGAN, Assistant General Auditor,


will sign: 

JERRY BERKOWITZ, Manager, Auditing Department,

will sign: 

Other Signers

DONALD R. ANDERSON, Assistant Chief, Audit Analysis Division,
Auditing Department,

will sign: 

W. WILLIAM BAUMGARDT, Chief, Audit Analysis Division, Auditing
Department,

will sign: 

AUDITING DEPARTMENT — *Continued*

Paragraph 28 (page 71) — *Continued*

GEORGE J. KERRIGAN, Assistant Chief, Auditing Division, Auditing Department,

will sign: 

JOSEPH E. KLARBERG, Chief, Auditing Division, Auditing Department,

will sign: 

29. The following has authority to sign correspondence and reconcilements in connection with the work of the Auditing Department at the Buffalo Branch:

THOMAS J. MYERS, Branch Auditor,

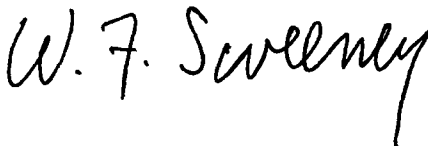
will sign: 

30. The following have authority to sign per procurement correspondence and reconcilements in connection with the work of the Auditing Department:

JAMES LAVIN, Jr.

will sign:
per pro 

WOODROW F. SWEENEY

will sign:
per pro 

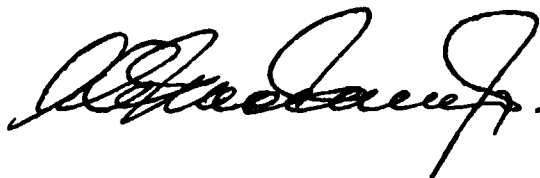
BUFFALO BRANCH

Officers

31. The following have authority to sign in connection with the business of the Buffalo Branch:

ANGUS A. MACINNES, Jr., Vice President,

will sign:



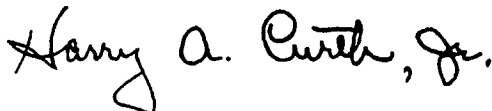
RONALD B. GRAY, Assistant Vice President and Cashier,

will sign:



HARRY A. CURTH, Jr., Assistant Cashier,

will sign:



PETER D. LUCE, Assistant Cashier,

will sign:



ARTHUR A. RANDALL, Assistant Cashier,
(Retires March 1, 1973)

will sign:



Other Signers

32. The following have authority to sign correspondence relating to the work of the functions or divisions of the Buffalo Branch indicated after their respective names:

SIEGFRIED H. BOCHMANN, Building Superintendent, Building Operating Division,

will sign:



BUFFALO BRANCH — *Other Signers* — *Continued*

Paragraph 32 (page 73) — *Continued*

PHILIP G. COLETTI, Chief, Cash Division,
(See index for other authority)

will sign: 

ALLAN C. HINES, Chief, Personnel Division,

will sign: 


EVALYN E. JOYCE, Chief, Accounting Division,
(See index for other authority)

will sign: 

JOHN F. KRAFT, Chief, Computer Services Division,
(See index for other authority)

will sign: 

ROBERT J. McDONNELL, Special Representative, Bank Relations and
Public Information function,

will sign: 

FREDERICK W. MORTENSON, Chief, Check Division,
(See index for other authority)

will sign: 

BUFFALO BRANCH — *Other Signers* — *Continued*

Paragraph 32 (page 73) — *Continued*

CALVERT NIEDERPRUEM, Chief, Collection, Loans, and Fiscal Agency
Division,

(See paragraph 35 for other authority)

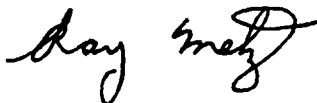
will sign:



33. The following has authority to sign (a) correspondence relating to supplies and equipment purchased or proposed to be purchased by the Buffalo Branch or relating to services rendered or proposed to be rendered to the Branch, and (b) purchase-order forms for such supplies, equipment, and services:

RAYMOND A. METZ, Chief, Service Division,

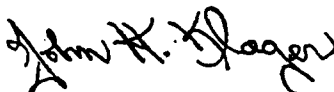
will sign:



34. The following has authority to sign purchase-order forms for supplies, equipment, and services furnished or to be furnished to the Buffalo Branch:

JOHN H. KLAGER, Purchasing Supervisor, Service Division,

will sign:



35. The following has authority to sign per procurement (a) advices, receipts, and tickets relating to the routine operations of the Collection, Loans, and Fiscal Agency Division of the Buffalo Branch; (b) checks drawn by the Buffalo Branch as fiscal agent of the United States on the Treasurer of the United States pursuant to instructions received by the Branch from the Treasury Department, including checks so drawn in payment of obligations of the United States; and (c) checks drawn by the Buffalo Branch as fiscal agent of the Commodity Credit Corporation on the Treasurer of the United States pursuant to instructions received by the Buffalo Branch from the Commodity Credit Corporation:

CALVERT NIEDERPRUEM

(See paragraph 32 for other authority)

will sign:
per pro

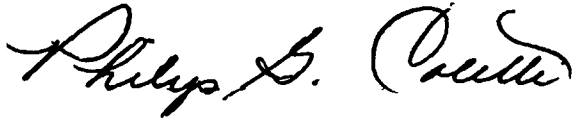


BUFFALO BRANCH — *Other Signers* — *Continued*

36. The following have authority to sign per procurement advices, receipts, and tickets relating to the routine operations of the divisions of the Buffalo Branch indicated after their respective names:

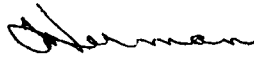
PHILIP G. COLETTI (Cash Division)
(See index for other authority)

will sign:
per pro



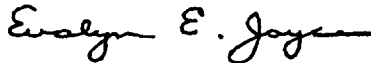
ARLENE M. HERMAN (Collection, Loans, and Fiscal Agency Division)

will sign:
per pro



EVALYN E. JOYCE (Accounting Division)
(See index for other authority)

will sign:
per pro



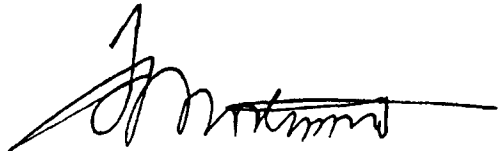
JOHN F. KRAFT (Computer Services Division)
(See index for other authority)

will sign:
per pro



FREDERICK W. MORTENSON (Check Division)
(See index for other authority)

will sign:
per pro



DAVID P. SCHWARZMUELLER (Cash Division)

will sign:
per pro

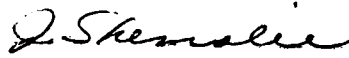


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Paragraph 36 (page 76) — *Continued*

JOAN A. SHEMAIE (Computer Service Division)

will sign:
per pro



GODFREY R. STOCKINGER (Cash Division)

will sign:
per pro



DOUGLAS A. SWEET (Cash Division)

will sign:
per pro



JAMES L. TYLER (Check Division)

will sign:
per pro



DONALD J. WEBER (Accounting Division)

will sign:
per pro



EDWARD C. YOUNG (Check Division)

will sign:
per pro



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