

Registration No. 333-00033

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

POST-EFFECTIVE AMENDMENT NO. 1
TO FORM S-8

REGISTRATION STATEMENT

Under

The Securities Act of 1933

ALCOA INC.

(Exact name of issuer as specified in its charter)

Pennsylvania 25-0317820
(State of Incorporation) (I.R.S. Employer Identification No.)

201 Isabella Street
Pittsburgh, Pennsylvania 15212-5858
(Address of principal executive office, including zip code)

ALCOA FUJIKURA LTD. HOURLY 401(K) SAVINGS PLAN
ALCOA FUJIKURA LTD. SALARIED 401(K) SAVINGS PLAN
(Full Title of Plans)

Denis A. Demblowski,
Secretary and Senior Counsel
201 Isabella Street
Pittsburgh, Pennsylvania 15212-5858
(Name and address of agent for service)

Telephone number of agent for service (412) 553-3856

EXPLANATORY NOTE

Under a Registration Statement on Form S-8 (Registration No. 333-00033) (the "Registration Statement"), Alcoa Inc., a Pennsylvania corporation (the "Registrant"), offered for sale 10,000 shares of its common stock, par value \$1.00 per share (the "Common Stock") under the Alcoa Fujikura Ltd. Hourly 401(k) Savings Plan and the Alcoa Fujikura Ltd. Salaried 401(k) Savings Plan. The Registrant hereby amends the Registration Statement by filing this Post-Effective Amendment No. 1.

Effective May 31, 1997, the Alcoa Fujikura Ltd. Hourly 401(k) Savings Plan was merged with and into the Alcoa Fujikura Ltd. Salaried 401(k) Savings Plan. As of June 1, 1997, Alcoa Inc. adopted the Alcoa Fujikura Ltd. Salaried 401(k) Savings Plan, which also was renamed the "Alcoa Fujikura Ltd. Savings Plan" (the "AFL Savings Plan"). The AFL Savings Plan also was frozen as of that date.

Effective October 25, 1999, the AFL Savings Plan was merged into the Alcoa Savings Plan for Non-Bargaining Employees (the "Merger"). Effective upon the Merger, the account balances of participants in the AFL Savings Plan who were covered under a collective bargaining agreement were transferred to the Alcoa Savings Plan for Bargaining Employees (the "Accounts Transfer").

As a result of the Merger and the Accounts Transfer, the offering described in the Registration Statement has been terminated. This Post-Effective Amendment is being filed solely to remove from registration any shares of Common Stock offered under the Registration Statement that remained unsold at the termination of the offering.

PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

ITEM 8. EXHIBITS

Exhibit
Number Description

(24) (a) Powers of Attorney of certain officers and directors of the Company.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant has duly caused this post-effective amendment to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Pittsburgh, the Commonwealth of Pennsylvania, on this 20th day of January, 2000.

ALCOA INC.
(Registrant)

/s/Robert F. Slagle
Robert F. Slagle
Executive Vice President

Pursuant to the requirements of the Securities Act of 1933, this post-effective amendment has been signed below by the following persons in the capacities and on the dates indicated.

Signature -----	Title -----	Date ----
/s/Alain J.P. Belda Alain J.P. Belda	President and Chief Executive Officer (Principal Executive Officer)	January 20, 2000
/s/Richard B. Kelson Richard B. Kelson	Executive Vice President and Chief Financial Officer (Principal Financial Officer)	January 20, 2000
/s/Timothy S. Mock Timothy S. Mock	Vice President and Controller (Principal Accounting Officer)	January 20, 2000

Kenneth W. Dam, Joseph T. Gorman, Judith M. Gueron, Sir Ronald Hampel, John P. Mulroney, Henry B. Schacht, Franklin A. Thomas and Marina v.N. Whitman, each as a Director, on January 20, 2000 by Barbara S. Jeremiah, their attorney-in-fact.

/s/Barbara S. Jeremiah
Barbara S. Jeremiah
Attorney-in-fact

INDEX TO EXHIBITS

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(24) (a) Powers of Attorney of certain officers and directors of the Company.

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each of the undersigned Directors of Aluminum Company of America (the "Company") hereby constitutes and appoints JAN H. M. HOMMEN, HOWARD W. BURDETT, EARNEST J. EDWARDS and BARBARA S. JEREMIAH, or any of them, his or her true and lawful attorneys and agents to do any and all acts and things and execute any and all instruments which said attorneys and agents, or any of them, may deem necessary or advisable or may be required to enable the Company to comply with the Securities Act of 1933, as amended, and any rules, regulations or requirements of the Securities and Exchange Commission in respect thereof, in connection with the registration under said Act of shares of common stock of the Company to be issued and distributed pursuant to the Alcoa Fujikura Ltd. Salaried 401(k) Savings Plan and Alcoa Fujikura Ltd. Hourly 401(k) Plan or any successor plans, including specifically, but without limiting the generality of the foregoing, power and authority to sign the name of each of the undersigned Directors of the Company in the capacity of Director thereof to any registration statements to be filed with the Securities and Exchange Commission in respect of said Plans or successor plans and shares of common stock, or either of them, to any and all preeffective amendments, post-effective amendments and supplements to any such registration statements, and to any instruments or documents filed as part of or in connection with any such registration statements or pre-effective amendments or post effective amendments or supplements thereto; and the undersigned hereby ratifies and confirms all that said attorneys and agents, or any of them, shall do or cause to be done by virtue hereof.

IN WITNESS WHEREOF, the undersigned has subscribed these presents on the date set opposite his or her name below.

/s/Kenneth W. Dam Kenneth W. Dam	12/21/95	/s/Sir Arvi Parbo Sir Arvi Parbo	12/21/95
/s/John P. Diesel John P. Diesel	12/21/95	/s/Henry B. Schacht Henry B. Schacht	12/21/95
/s/Joseph T. Gorman Joseph T. Gorman	12/21/95	/s/Forrest N. Shumway Forrest N. Shumway	12/21/95
/s/Judith M. Gueron Judith M. Gueron	12/21/95	/s/Franklin A. Thomas Franklin A. Thomas	12/21/95
/s/Sir Ronald Hampel Sir Ronald Hampel	12/21/95	/s/Marina v.N. Whitman Marina v.N. Whitman	12/21/95
/s/John P. Mulroney John P. Mulroney	12/21/95		