PHYSICAL REVIEW C

NUCLEAR PHYSICS

Editors

H. H. BARSCHALL — M. S. WEISS (*Nuclear Theory*)

Associate Editor

G. J. DREISS

Editorial Board

Term ending 31 December 1985

H. C. FLOCARD
STEVEN E. KOONIN
DAVID J. ROWE
JOHN P. SCHIFFER

Term ending 31 December 1986

RALPH D. AMADO
BUNNY C. CLARK
ARTHUR M. POSKANZER
STEVEN E. VIGDOR

Term ending 31 December 1987

DAVID E. ALBURGER
THOMAS B. CLEGG
DIETER FICK
JAMES S. O'CONNELL

Published through the
American Institute of Physics
by
The American Physical Society

President
ROBERT R. WILSON

President-Elect
SIDNEY D. DRELL

Vice-President
VAL L. FITCH

Executive Secretary
W. W. HAVENS, JR.

Treasurer
JOSEPH A. BURTON

Editor-in-Chief
DAVID LAZARUS

Deputy Editor-in-Chief
P. D. ADAMS

Editorial Office:

1 Research Road
Box 1000
Ridge, N.Y. 11961
Telephone: (516) 924-5533
Telex: 971599
Cable Address: PHYSREV RIDGENY

Production and distribution by

American Institute of Physics
500 Sunnyside Blvd.
Woodbury, N.Y. 11797
Telephone: (516) 349-7800

Manuscripts for publication should be submitted to the Editorial Office in triplicate. Information for contributors may be found in the first issue of each volume. Submission is a representation that the manuscript has not been published previously and is not currently under consideration for publication elsewhere. The manuscript should be accompanied by a statement transferring copyright to APS. A transfer form may be found in the 20 August 1984 issue of *Physical Review Letters*.

To support wide dissemination of research results through publication of journal pages, the authors' institutions are requested to pay a publication charge of $45 per page, which, if honored, entitles them to 100 free reprints. Nonpayment of the publication charge may lead to delays in publication. An additional $20 per article is requested to support advance publication of the abstract in *Physical Review Abstracts*.

Address all correspondence regarding manuscripts to the Editorial Office until the manuscript is accepted for publication. Address correspondence regarding accepted manuscripts, proofs, and reprints to the American Institute of Physics.

Subscriptions at the annual domestic nonmember rate cost $300. Complete member and nonmember subscription rates and related information may be found in the first issue of each volume. **Member subscriptions are for personal use only**. Address correspondence regarding subscriptions, renewals, address changes, and single-copy orders to the American Institute of Physics.

Copyright 1985, by The American Physical Society

Permission is granted to quote from this journal with the customary acknowledgment of the source. To reprint a figure, table, or other excerpt requires, in addition, the consent of one of the original authors and notification of APS. **No copying fee** is required when copies of articles are made for educational or research purposes by individuals or libraries (including those at government and industrial institutions). **Republication** or reproduction for sale of articles or abstracts in this journal is permitted only under license from APS; in addition, APS may require that permission also be obtained from one of the authors. Address inquiries to the Executive Secretary, The American Physical Society, 335 East 45th Street, New York, N.Y. 10017.

ISSN: 0556-2813

Physical Review C is published once a month. Second-class postage paid at Woodbury, N.Y., and additional mailing offices.

CODEN: PRVCAN