1 June 1972

NASA Scientific and Technical Information Facility
P.O. Box 33
College Park, Maryland 20740

Attention: NASA Representative (S-AK-RKT)

Gentlemen:

Attached herewith are COSATI Technical Report Standard Title Pages for six (6) JPL Technical Memoranda which will constitute the U.S. release for similar papers being presented at the 3rd International Symposium on Thermionic Electrical Power Generation, Julich, Germany, this month.

Two copies of each of these Technical Memoranda are enclosed for your systems input and listing in the unlimited, unclassified category of STAR:

1. **TM 33-545** Out-of-Core Evaluations of Uranium Nitride-Fueled Converters
2. **TM 33-546** Closed-Loop Dynamics of In-Core Thermionic Reactor Systems
3. **TM 33-547** Some Observations on Uranium Carbide Alloy/Tungsten Compatibility
4. **TM 33-549** Thermionic Reactor Electric Propulsion System Requirements
5. **TM 33-550** Completely Modular Thermionic Reactor Ion Propulsion System (TRIPS)
6. **TM 33-551** Probe Measurements of a Cesium Plasma in a Simulated Thermionic Energy Converter

Very truly yours,

Leo R. Lunine, Manager
Support Section
Technical Information and
Documentation Division

LRL/GM:iv
Enclosures