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Mr. Hiromasa Nakano, Director
 Nuclear Fuels Development Division
 Power Reactor and Nuclear Fuel
 Development Corporation
 1-9-13 Akasaka Minato-ku
 Tokyo, Japan 166

Dear Mr. Nakano:

We have developed draft test criteria for controlled tests to certify plutonium air transport packages in accordance with the Agreement between the United States Nuclear Regulatory Commission (NRC) and the Power Reactor and Nuclear Fuel Development Corporation (PNC). The report entitled "Draft Criteria for Controlled Tests for Air Transport Packages" was prepared under an NRC technical support contract by Lawrence Livermore National Laboratory (LLNL) (Enclosure 1).

The enclosed report and the report "Draft Criteria for Package Drop and Aircraft Crash Tests," provided to you on July 14, 1989, are summary documents which contain the results and the conclusions of the research, expressed in terms of the draft test criteria. A series of technical reports which contain the analyses that support the development of the draft tests criteria was also developed. These technical reports, as listed in Enclosure 2, will be provided to Mr. Takao Yagi, in your Washington, D.C. office in a separate package.

My staff and the researchers from LLNL will join Mr. Guy Arlotto, Deputy Director, Office of Nuclear Material Safety and Safeguards (NMSS) to discuss the draft criteria with your staff in the meeting scheduled for October 18 and 19, 1990 in Tokyo. The proposed agenda and list of participants are also enclosed (as Enclosure 3 and 4, respectively). If you have any questions concerning this matter, please do not hesitate to contact me.

Sincerely,

ORIGINAL SIGNED BY E. Q. TEN EYCK

Robert F. Burnett, Director
 Division of Safeguards
 and Transportation, NMSS

Enclosures:

1. Draft Criteria for Controlled Test for Air Transport Packages
2. List of Technical Reports
3. Proposed Agenda
4. Participants/Proposed Schedule in Tokyo Meeting

cc: Mr. Takao Yagi
 PNC Washington Office
 Power Reactor and Nuclear
 Fuel Development Corporation

*See previous concurrence.

OFC: SGTB* :SGTB* :SGTB* :SGTR :SGTR :

NAME:JJankovich/lg:JCook :CMacDonald :ETen Eyck :RBurnett :

DATE: 09/26/90 : 09/27/90 : 09/27/90 : 9/27/90 : 9/27/90 :

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Robert F. Burnett, Director
Division of Safeguards
and Transportation, NMSS

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1. Report
2. List of Technical Reports
3. Proposed Agenda
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in Tokyo Meeting

cc: Mr. Takao Yagi
PNC Washington Office
Power Reactor and Nuclear
Fuel Development Corporation

OFC: SGTB <i>JPY</i>	: SGTB <i>[Signature]</i>	: SGTB <i>AM</i>	: SGTR	: SGTR	:	:
NAME: JJankovich/lg: JCook	: CMacDonald	: ETen Eyck	: RBurnett	:	:	:
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