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PENN STATE



Kenneth S. Babe
Corporate Controller

(814) 865-1355
408 Old Main
The Pennsylvania State University
University Park, PA 16802

March 27, 1991

Nuclear Regulatory Commission
Region I Office
475 Allendale Road
King of Prussia, PA 19406

Re: Financial Assurance Documents for Decommissioning;
The Pennsylvania State University

Dear Sir or Madame:

Enclosed is the original Standby Trust Agreement, a copy of the Letter of Credit, and the original Certificate of Incumbency required as part of The Pennsylvania State University's Decommissioning Funding Plan. These documents are submitted to meet the requirements of 10 CFR, Parts 30, 50 and 70.

The University Decommissioning Funding Plan is applicable to the following NRC license and docket numbers:

<u>License No.</u>	<u>Docket No.</u>
37-185-04	030-00952
37-185-05	030-07059
37-185-06	030-10645
SNM-95	70-113
37-13831-01	030-03203
37-13831-04	030-10851
R-2	50-05

If additional information is required in regard to these financial assurance documents, please contact my office.

Sincerely,

Kenneth S. Babe
Corporate Controller

KSB:bb

Enclosures

cc: D. E. Bright

A. Datta (NHC - with copies of enclosures)

R. W. Granlund (with copies of enclosures)

C. L. Hosler

M. G. Klein (with copies of enclosures)

C. J. Haughney (NRC - with copies of enclosures)

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STANDBY TRUST AGREEMENT

TRUST AGREEMENT, the Agreement entered into as of February 5, 1991 by and between THE PENNSYLVANIA STATE UNIVERSITY, a Pennsylvania Nonprofit Corporation, of University Park, Pennsylvania, herein referred to as the "Grantor," and MELLON BANK, N.A., a National Banking Association, of Pittsburgh, Pennsylvania, the "Trustee."

WHEREAS, the U.S. Nuclear Regulatory Commission (NRC), an agency of the U.S. Government, pursuant to the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974, has promulgated regulations in Title 10, Chapter I of the Code of Federal Regulations, Parts 30, 50 and 70. These regulations, applicable to the Grantor, require that a holder of, or an applicant for, a Part 30, 50 or 70 license provide assurance that funds will be available when needed for required decommissioning activities.

WHEREAS, the Grantor has elected to use a letter of credit to provide all of such financial assurance for the facilities identified herein; and

WHEREAS, when payment is made under a letter of credit this standby trust shall be used for the receipt of such payment; and

WHEREAS, the Grantor, acting through its duly authorized officers, has selected the Trustee to be the trustee under this Agreement, and the Trustee is willing to act as trustee,

NOW, THEREFORE, the Grantor and the Trustee agree as follows:

Section 1. Definitions. As used in this Agreement:

- (a) The term "Grantor" means the NRC licensee who enters into this Agreement and any successors or assigns of the Grantor.
- (b) The term "Trustee" means the trustee who enters into this Agreement and any successor Trustee.

Section 2. Costs of Decommissioning. This Agreement pertains to the costs of decommissioning the materials and activities identified in License Numbers 37-185-04, 37-185-05, 37-185-06, 37-13831-01, 37-13831-04, R-2, and SNM-95 issued pursuant to 10 CFR Parts 30, 50 and 70 as shown in Schedule A.

Section 3. Establishment of Fund. The Grantor and the Trustee hereby establish a standby trust fund (the "Fund") for the benefit of the NRC. The Grantor and the Trustee intend that no third party have access to the Fund except as provided herein.

Section 4. Payments Constituting the Fund. Payments made to the Trustee for the Fund shall consist of cash, securities, or other liquid assets acceptable to the Trustee. The Fund is established initially as consisting of the property, which is acceptable to the Trustee, described in Schedule B attached hereto. Such property and any other property subsequently transferred to the Trustee are referred to as the "Fund," together with all earnings and profits thereon, less any payments or distributions made by the Trustee pursuant to this Agreement. The Fund shall be held by the Trustee, IN TRUST, as hereinafter provided. The Trustee shall not be responsible nor shall it undertake any responsibility for the amount of, or adequacy of the Fund, nor any duty to collect from the Grantor, any payments necessary to discharge any liabilities of the Grantor established by the NRC.

Section 5. Payment for Required Activities Specified in the Plan. The Trustee shall make payments from the Fund to the Grantor upon presentation to the Trustee of the following:

- (a) A certificate duly executed by the Secretary of the Depositor attesting to the occurrence of the events, and in the form set forth in the attached Specimen Certificate, and
- (b) A certificate attesting to the following conditions:
 - (1) that decommissioning is proceeding pursuant to an NRC-approved plan;
 - (2) that the funds withdrawn will be expended for activities undertaken pursuant to that Plan; and
 - (3) that the NRC has been given 30 days' prior notice of The Pennsylvania State University's intent to withdraw funds from the escrow fund.

No withdrawal from the fund can exceed ten (10%) percent of the outstanding balance of the Fund or TEN THOUSAND and NO/100 (\$10,000.00) Dollars, whichever is greater, unless NRC approval is attached.

In the event of the Grantor's default or inability to direct decommissioning activities, the Trustee shall make payments from the Fund as the NRC shall direct, in writing, to provide for the payment of the costs of required activities covered by this Agreement. The Trustee shall reimburse the Grantor or other persons as specified by the NRC from the Fund for expenditures

for required activities in such amounts as the NRC shall direct in writing. In addition, the Trustee shall refund to the Grantor such amounts as the NRC specifies in writing. Upon refund, such funds shall no longer constitute part of the Fund as defined herein.

Section 6. Trust Management. The Trustee shall invest and reinvest the principal and income of the Fund and keep the Fund invested as a single fund, without distinction between principal and income, in accordance with general investment policies and guidelines which the Grantor may communicate in writing to the Trustee from time to time, subject, however, to the provisions of this section. In investing, reinvesting, exchanging, selling, and managing the Fund, the Trustee shall discharge its duties with respect to the Fund solely in the interest of the beneficiary and with the care, skill, prudence, and diligence under the circumstances then prevailing which persons of prudence, acting in a like capacity and familiar with such matters, would use in the conduct of an enterprise of a like character and with like aims; except that:

- (a) Securities or other obligations of the Grantor, or any other owner or operator of the facilities, or any of their affiliates as defined in the Investment Company Act of 1940, as amended (15 U.S.C. 80a-2(a)), shall not be acquired or held, unless they are securities or other obligations of the Federal or a State government;
- (b) The Trustee is authorized to invest the Fund in time or demand deposits of the Trustee, to the extent insured by an agency of the Federal government and in obligations of the Federal Government such as GNMA, FNMA, and FHLM bonds and certificates or state and municipal bonds rated BBB or higher by Standard and Poors or Baa or higher by Moody's Investment Services; and
- (c) For a reasonable time, not to exceed 60 days, the Trustee is authorized to hold uninvested cash, awaiting investment or distribution, without liability for the payment of interest thereon.

Section 7. Commingling and Investment. The Trustee is expressly authorized in its discretion:

- (a) To transfer from time to time any or all of the assets of the Fund to any common, commingled, or collective trust fund created by the Trustee in which the Fund is eligible to

participate, subject to all of the provisions thereof, to be commingled with the assets of other trusts participating therein; and

- (b) To purchase shares in any investment company registered under the Investment Company Act of 1940 (15 U.S.C. 80a-1 et seq.), including one that may be created, managed, underwritten, or to which investment advice is rendered, or the shares of which are sold by the Trustee. The Trustee may vote such shares in its discretion.

Section 8. Express Powers of Trustee. Without in any way limiting the powers and discretion conferred upon the Trustee by the other provisions of this Agreement or by law, the Trustee is expressly authorized and empowered:

- (a) To sell, exchange, convey, transfer, or otherwise dispose of any property held by it, by public or private sale, as necessary to allow duly authorized withdrawals at the joint request of the Grantor and the NRC or to reinvest in securities at the direction of the Grantor;
- (b) To make, execute, acknowledge, and deliver any and all documents of transfer and conveyance and any and all other instruments that may be necessary or appropriate to carry out the powers herein granted;
- (c) To register any securities held in the Fund in its own name, or in the name of a nominee, and to hold any security in bearer form or in book entry, or to combine certificates representing such securities with certificates of the same issue held by the Trustee in other fiduciary capacities, to reinvest interest payments and funds from matured and redeemed instruments, to file proper forms concerning securities held in the Fund in a timely fashion with appropriate government agencies, or to deposit or arrange for the deposit of such securities in a qualified central depository even though, when so deposited, such securities may be merged and held in bulk in the name of the nominee or such depository with other securities deposited therein by another person, or to deposit or arrange for the deposit of any securities issued by the U.S. Government, or any agency or instrumentality thereof, with a Federal Reserve Bank, but the books and records of the Trustee shall at all times show that all such securities are part of the Fund;

- (d) To deposit any cash in the Fund in interest-bearing accounts maintained or savings certificates issued by the Trustee, in its separate corporate capacity, or in any other banking institution affiliated with the Trustee, to the extent insured by an agency of the Federal government; and
- (e) To compromise or otherwise adjust all claims in favor of or against the Fund.

Section 9. Taxes and Expenses. All taxes of any kind that may be assessed or levied against or in respect of the Fund and all brokerage commissions incurred by the Fund shall be paid from the Fund. All other expenses incurred by the Trustee in connection with the administration of this Trust, including fees for legal services rendered to the Trustee, the compensation of the Trustee to the extent not paid directly by the Grantor, and all other proper charges and disbursements of the Trustee shall be paid from the Fund.

Section 10. Annual Valuation. After payment has been made into this standby trust fund, the Trustee shall annually, at least 30 days before the anniversary date of receipt of payment into the standby trust fund, furnish to the Grantor and to the NRC a statement confirming the value of the Trust. Any securities in the Fund shall be valued at market value as of no more than 60 days before the anniversary date of the establishment of the Fund. The failure of the Grantor to object in writing to the Trustee within 90 days after the statement has been furnished to the Grantor and the NRC, or State agency, shall constitute a conclusively binding assent by the Grantor, barring the Grantor from asserting any claim or liability against the Trustee with respect to the matters disclosed in the statement.

Section 11. Advice of Counsel. The Trustee may from time to time consult with counsel with respect to any question arising as to the construction of this Agreement or any action to be taken hereunder. The Trustee shall be fully protected, to the extent permitted by law, in acting on the advice of counsel.

Section 12. Trustee Compensation. The Trustee shall be entitled to reasonable compensation for its services as agreed upon in writing with the Grantor. (See Schedule C.)

Section 13. Successor Trustee. Upon 90 days notice to the NRC, the Trustee may resign; upon 90 days notice to NRC and the Trustee, Grantor may replace the Trustee; but such resignation or replacement shall not be effective until the Grantor has

appointed a successor Trustee and this successor accepts the appointment. The successor Trustee shall have the same powers and duties as those conferred upon the Trustee hereunder. Upon the successor Trustee's acceptance of the appointment, the Trustee shall assign, transfer, and pay over to the successor Trustee the funds and properties then constituting the Fund. If for any reason the Grantor cannot or does not act in the event of the resignation of the Trustee, the Trustee may apply to a court of competent jurisdiction for the appointment of a successor Trustee or for instructions. The successor Trustee shall specify the date on which it assumes administration of the trust in a writing sent to the Grantor, the NRC or State agency, and the present Trustee by certified mail 10 days before such change becomes effective. Any expenses incurred by the Trustee as a result of any of the acts contemplated by this section shall be paid as provided in Section 9.

Section 14. Instructions to the Trustee. All orders, requests, and instructions by the Grantor to the Trustee shall be in writing, signed by such persons as are signatories to this agreement or such other designees as the Grantor may designate in writing. The Trustee shall be fully protected in acting without inquiry in accordance with the Grantor's orders, requests, and instructions. If the NRC or State agency issues order,s requests, or instructions to the Trustee these shall be in writing, signed by the NRC, or Stage agency, or their designees, and the Trustee shall act and shall be fully protected in acting in accordance with such orders, requests, and instructions. The Trustee shall have the right to assume, in the absence of written notice to the contrary, that no event constituting a change or a termination of the authority of any person to act on behalf of the Grantor, the NRC, or State agency, hereunder has occurred. The Trustee shall have no duty to act in the absence of such orders, requests, and instruction from the Grantor and/or the NRC, or Stage agency, except as provided for herein.

Section 15. Amendment of Agreement. This Agreement may be amended by an instrument in writing executed by the Grantor, the Trustee and the NRC or by the Trustee and the NRC, if the Grantor ceases to exist.

Section 16. Irrevocability and Termination. Subject to the right of the parties to amend this Agreement as provided in Section 15, this trust shall be irrevocable and shall continue until terminated at the written agreement of the Grantor, the Trustee, and the NRC or State agency, or by the Trustee and the NRC, if the Grantor ceases to exist. Upon termination of the

trust, all remaining trust property, less final trust administration expenses, shall be delivered to the Grantor or its successor.

Section 17. Immunity and Indemnification. The Trustee shall not incur personal liability of any nature in connection with any act or omission, made in good faith, in the administration of this trust, or in carrying out any directions by the Grantor, the NRC, issued in accordance with this Agreement. The Trustee shall be indemnified and saved harmless by the Grantor or from the trust fund, or both, from and against any personal liability to which the Trustee may be subjected by reason of any act or conduct in its official capacity, including all expenses reasonably incurred in its defense in the event the Grantor fails to provide such defense.

Section 18. This Agreement shall be administered, construed, and enforced according to the laws of the Commonwealth of Pennsylvania.

Section 19. Interpretation and Severability. As used in this Agreement, words in the singular include the plural and words in the plural include the singular. The descriptive headings for each section of this Agreement shall not affect the interpretation or the legal efficacy of this Agreement. If any part of this Agreement is invalid, it shall not affect the remaining provisions which will remain valid and enforceable.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by the respective officers duly authorized and the incorporate seals to be hereunto fixed and attested as of the date first written above.

ATTEST:

THE PENNSYLVANIA STATE UNIVERSITY,
GRANTOR

J. F. Krawiec

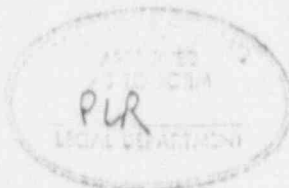
J. F. Krawiec
Assistant Secretary

By: Raymond D. Nargi
Raymond D. Nargi
Associate Treasurer

MELLON BANK, N.A., TRUSTEE

Patricia L. Rush

By: Sheila K. Ballew
Vice President



COMMONWEALTH OF PENNSYLVANIA)
) SS:
COUNTY OF CENTRE)

On this, the 5th day of Feb., 1991, before me
a Notary Public, the undersigned officer, personally appeared
RAYMOND D. NARGI, Associate Treasurer of The Pennsylvania State
University, known to me (or satisfactorily proven) to be the
person whose name is subscribed to the within instrument, and
acknowledged that he executed the same for the purpose therein
contained.

IN WITNESS WHEREOF, I have hereunto set my hand and
notarial seal.

Bonnie K. Eichellinger
Notary Public

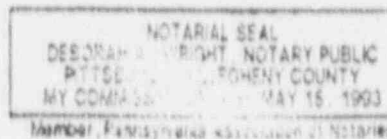
NOTARIAL SEAL
BONNIE K. EICHELLINGER, Notary Public
State College Area, Centre Co., Pa.
My Commission Expires July 30, 1991

COMMONWEALTH OF PENNSYLVANIA)
) SS:
COUNTY OF Allegheny)

On this, the 1st day of March, 1990, before me a Notary Public, the undersigned officer, personally appeared Phyllis K. Kokkila, of Mellon Bank, N.A., known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same for the purpose therein contained.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal.

Deborah A. Wright
Notary Public



SCHEDULE A

<u>NRC License Number</u>	<u>Applicable Part of Code of Federal Regulations</u>
37-185-04	10 CFR, Part 30
37-185-05	10 CFR, Part 30
37-185-06	10 CFR, Part 30
37-13831-01	10 CFR, Part 30
37-13831-04	10 CFR, Part 30
R-2	10 CFR, Part 50
SNM-95	10 CFR, Part 70

SCHEDULE B

Amount:

As evidenced by:

Mellon Bank, N.A.
Letter of Credit

SCHEDULE C

Mellon Bank, N.A., Trustee's fees shall be negotiated at the time the trust becomes operational.

Specimen Certificate of Events

MELLON BANK, N.A.

Attention: Trust Division

Gentlemen:

In accordance with the terms of the Agreement with you dated _____, I, _____, Secretary of The Pennsylvania State University, hereby certify that the following events have occurred:

1. The Pennsylvania State University is required to commence the decommissioning of its facility located at _____ (hereinafter called the decommissioning).
2. The plans and procedures for the commencement and conduct of the decommissioning have been approved by the United States Nuclear Regulatory Commission, or its successor, on _____ (copy of approval attached).
3. The Board of Directors of The Pennsylvania State University has adopted the attached resolution authorizing the commencement of the decommissioning.

Secretary of The Pennsylvania
State University

Date



(CCFS Code 7503)

IRREVOCABLE STANDBY LETTER OF CREDIT
No. 077-005

Mellon Bank (Central) N.A.
Scott College, PA 16804

Number:

077-005

Date:

MARCH 20, 1991

THIS CREDIT EXPIRES JANUARY 31, 1992

Issued to: U.S. Nuclear Regulatory Commission, Washington, D.C. 20555

Dear Sir or Madam:

We hereby establish our Irrevocable Standby Letter of Credit No. 077-005 in your favor, at the request and for the account of The Pennsylvania State University, 408 Old Main, University Park, PA 16802 up to the aggregate amount of Eight Hundred Sixty Two Thousand Dollars, U.S. dollars \$862,000.00 available upon presentation of:


1. Your sight draft, bearing reference to this Letter of Credit No. 077-005, and
2. Your signed statement reading as follows: "I certify that the amount of the draft is payable pursuant to regulations issued under authority of _____."

This letter of credit is issued in accordance with regulations issued under the authority of the U.S. Nuclear Regulatory Commission (NRC), an agency of the U.S. Government, pursuant to the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974. The NRC has promulgated regulations in Title 10, Chapter I of the Code of Federal Regulations, Parts 30, 50 and 70, which require that a holder of, or an applicant for, a license issued under 10 CFR Parts 30, 50 and 70 provide assurance that funds will be available when needed for decommissioning.

This letter of credit is effective as of MARCH 20, 1991 and shall expire on January 31, 1992, but such expiration date shall be automatically extended for a period of at least 1 year on January 31, 1992 and on each successive expiration date, unless, at least 90 days before the current expiration date, we notify both you and The Pennsylvania State University as shown on the signed return receipts. If The Pennsylvania State University is unable to secure alternative financial assurance to replace this letter of credit within 30 days of notification of cancellation the NRC may draw upon the full value of this letter of credit prior to cancellation. The bank shall give immediate notice to the applicant and the "NRC" of any notice received or action filed alleging (1) the insolvency or bankruptcy of the financial institution or (2) any violations of the regulatory requirements that could result in suspension or revocation of the bank's charter or license to do business. The financial institution also shall give immediate notice if the bank, for any reason, becomes unable to fulfill its obligation under the letter of credit.

Whenever this letter of credit is drawn on under and in compliance with the terms of this letter of credit, we shall duly honor such draft upon its presentation to us within 30 days, and we shall deposit the amount of the draft directly in to the standby trust fund of The Pennsylvania State University in accordance with your instructions.

Each draft must bear on its face the clause: "Drawn under Letter of Credit No. 077-005, dated MARCH 20, 1991, and the total of this draft and all other drafts previously drawn under this letter of credit does not exceed \$862,000.00."


Robert L. Dougherty III
Assistant Vice President

This credit is subject to the "Uniform Customs and Practice for Documentary Credits (1983 Revision), International Chamber of Commerce Publication No. 400."

CERTIFICATE OF INCUMBENCY

J. F. Krawiec

Assistant Secretary

I, _____, ~~Secretary~~ of The
Pennsylvania State University, a Pennsylvania Nonprofit
Corporation, do hereby certify under the corporate seal that the
following person is the duly elected Associate Treasurer of The
Pennsylvania State University and that the signature appearing
opposite his name is the genuine signature of such person.

Associate Treasurer - Raymond D. Nargi

Raymond D. Nargi

Dated this 5th day of Feb., 1991.

J. F. Krawiec

~~Secretary~~

Assistant Secretary