

Docket No. 50-22

JUN 25 1959

Westinghouse Electric Corporation  
Atomic Power Department  
P. O. Box 355  
Pittsburgh, Pennsylvania

Attention: Mr. Ernest Aita

Gentlemen:

Transmitted herewith is Facility License No. TR-2 issued to Westinghouse Electric Corporation by order of the Atomic Energy Commission dated June 19, 1959. The license authorizes operation of the Westinghouse Testing Reactor at thermal power levels up to 20,000 kilowatts.

Also enclosed is a copy of a notice of this action which has been submitted to the Federal Register Division for filing and publication.

The attached interim indemnity agreement will indemnify Westinghouse Electric Corporation against public liability arising out of or in connection with activities authorized under License No. TR-2.

Two copies of the interim indemnity agreement are enclosed for your acceptance. Please sign, date and return one copy to this office.

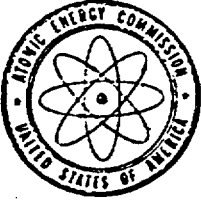
Sincerely yours,

Director  
Division of Licensing and Regulation

Enclosures:

1. License No. TR-2
2. Notice to Federal Register
3. (2) Cys. of Interim Indemnity Agreement

A/8



UNITED STATES  
ATOMIC ENERGY COMMISSION  
WASHINGTON 25, D. C.

6/19/59  
0/19/59

DOCKET NO. 50-22  
WESTINGHOUSE ELECTRIC CORPORATION

L I C E N S E

License No. TR-2

1. This license applies to the heterogeneous, light water cooled and moderated 20,000 kilowatt (thermal) testing reactor (hereinafter referred to as "the facility") which is owned by Westinghouse Electric Corporation and located near Waltz Mill in Westmoreland County, Pennsylvania, and described in Westinghouse Electric Corporation's application attested February 29, 1956 and amendments to the application attested August 3 and 20, 1956, September 17, 1956, February 4, 1957, April 29, 1957, August 7, 1957, September 5, 1957, August 7, 1958, September 29, 1958, October 30, 1958, December 16, 1958, January 27, 1959 and February 5, 1959, (herein collectively referred to as "the application") and for which Construction Permit No. CPRR-8 (henceforth designated CPTR-1) was issued by the Commission on July 3, 1957.
2. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses Westinghouse Electric Corporation:
  - a. Pursuant to Section 104(c) of the Atomic Energy Act of 1954, as amended, (hereinafter referred to as "the Act") and Title 10, CFR, Chapter 1, Part 50, "Licensing of Production and Utilization Facilities", to possess and operate the facility as a utilization facility in accordance with the procedures described in the application;
  - b. Pursuant to the Act and Title 10, CFR, Chapter 1, Part 70, "Special Nuclear Material", to receive, possess and use 156 kilograms of contained uranium 235 as fuel for operation of the facility; and
  - c. Pursuant to the Act and Title 10, CFR, Chapter 1, Part 30, "Licensing of Byproduct Material", to possess, but not to separate, such byproduct material as may be produced by operation of the facility.

3. This license shall be deemed to contain and be subject to the conditions specified in Section 50.54 of Part 50 and Section 70.32 of Part 70; is subject to all applicable provisions of the Act and rules, regulations and orders of the Commission now or hereafter in effect; and is subject to any additional conditions specified or incorporated below:

a. Operating Restrictions

- (1) Westinghouse Electric Corporation (hereinafter referred to as "Westinghouse") shall not operate the facility at a power level in excess of 20,000 kilowatts (thermal).
- (2) Westinghouse shall not operate the facility with a combined fuel and experiment loading resulting in an excess reactivity of more than 10% above cold clean critical.
- (3) Westinghouse shall not operate the facility unless the over-all void and over-all temperature coefficients are negative and of such values that the facility can inherently withstand, without melting of fuel element cladding, a step increase in reactivity of at least 1%.
- (4) Westinghouse may make changes in
  - (a) The physical, nuclear, thermal, or hydraulic performance characteristics of the reactor core;
  - (b) The performance characteristics of the reactor control and safety systems;
  - (c) The number and type of experimental facilities;
  - (d) The physical, thermal, or hydraulic performance characteristics of the high pressure experimental thimbles or loops;
  - (e) The reactivity limitations on experiments; or
  - (f) The integrity of the containment vessel specified in the application

only in accordance with the following procedures:

After review and approval of the proposed change by the Westinghouse Testing Reactor Safeguards Committee, Westinghouse shall provide the Commission with a report describing the proposed change including (i) a hazards evaluation of the proposed change, and (ii) a determination by the Westinghouse Testing Reactor Safeguards Committee as to whether

or not the proposed change may involve hazards greater than or different from those analyzed in The Final Safety Report, or may involve a material alteration of the facility.

If, within fifteen days after the date of acknowledgment by the Division of Licensing and Regulation of receipt of such report, the Commission does not issue any notice to Westinghouse to the contrary, Westinghouse may make such change without further approval.

If, within fifteen days after the date of acknowledgment by the Division of Licensing and Regulation of receipt of such report, the Commission notifies Westinghouse that the hazards involved may be greater than or materially different from those analyzed in The Final Safety Report, or that the proposed change involves a material alteration of the facility, the change shall not be made until after such change has been authorized in writing by the Commission. If a license amendment is necessary to authorize the proposed change, the report submitted by Westinghouse shall be deemed to constitute an application for a license amendment.

- (5) Except with respect to the categories described in paragraph 3.a.(4) above, Westinghouse may make changes in the facility design, performance characteristics, and operating procedures specified in the application only in accordance with the following procedures:

(a) The Westinghouse Testing Reactor Safeguards Committee shall evaluate the hazards involved in the proposed change and the effect of such change on each of the postulated accidents analyzed in The Final Safety Report.

(b)(1) If the Westinghouse Testing Reactor Safeguards Committee determines that the proposed change involves hazards not greater than and not different from those analyzed in The Final Safety Report, and does not involve a material alteration of the facility, no further approval shall be required.

(ii) If the Westinghouse Testing Reactor Safeguards Committee determines that the hazards involved are or may be greater than or different from those analyzed in The Final Safety Report or if the Committee determines that the proposed change involves a material alteration of the facility, the procedures set forth in paragraph 3.a.(4) shall apply.

For purposes of paragraphs 3.a.(4) and (5) a proposed change shall be deemed to involve "hazards not greater than, and not different from, those analyzed in The Final Safety Report" if (1) the probability of the types of accidents analyzed in The Final Safety Report would not be increased, and (2) the possible consequence of the types of accidents analyzed in The Final Safety Report would not be increased, and (3) such change would not create a credible probability of an accident of a type different from those analyzed in The Final Safety Report. A proposed change shall be deemed to involve hazards which may be "greater than, or different from, those analyzed in The Final Safety Report" if (1) the probability of the types of accidents analyzed in The Final Safety Report might be increased, or (2) the consequences of the types of accidents analyzed in The Final Safety Report might be increased, or (3) such change might create a credible probability of an accident of a type different from those analyzed in The Final Safety Report. The Final Safety Report means Westinghouse Document WCAP-369 (Rev.), dated August 7, 1958, as amended on September 29, October 30, 1958, and January 27, 1959.

- (6) No. experiment or test shall be conducted in the facility until the proposed experiment or test has been reviewed and approved by the Westinghouse Testing Reactor Safeguards Committee.
- (7) In any case where the procedures described in the application are not consistent with the operating restrictions specified in this paragraph 3., the restrictions contained herein shall govern.

b. Records

In addition to those otherwise required under this license and applicable regulations, Westinghouse shall keep the following records:

- (1) Reactor operating records, including power levels.
- (2) Records showing radioactivity released or discharged into the air or water beyond the effective control of Westinghouse as measured at the point of such release or discharge.
- (3) Records of emergency shutdowns, including reasons therefor.

- (4) Records containing a description of each change authorized pursuant to paragraph 3.p.(5)(b)(1) by the Westinghouse Testing Reactor Safeguards Committee and a summary statement of the bases for the conclusions reached by the Committee.
- (5) Records containing a description of each test or experiment conducted in the facility.

c. Reports

- (1) Westinghouse shall make an immediate report in writing to the Commission of any indication or occurrence of a possible unsafe condition relating to the operation of the facility.
  - (2) Westinghouse shall submit to the Commission a report of the results of operation of the facility pertinent to safety during (a) the low power tests (power levels up to 200 kilowatts) and the subsequent "check out" period, (b) the full power testing without high pressure experiments and (c) the full power tests with high pressure experiments. These reports should also identify any change made in the facility design, performance characteristics and operating procedures. Each such report shall be submitted to the Commission immediately following the conclusion of each stage except that the report of full power testing with high pressure experiments shall be submitted after three months of such operations.
  - (3) An annual report of operating experience and changes in facility design, performance characteristics, and operating procedure shall be submitted to the Commission, the first such report to be submitted within thirteen months following issuance of the this license.
4. Pursuant to Section 50.60 of the regulations in Title 10, Chapter 1, CFR, Part 50, the Commission has allocated to Westinghouse for use in the operation of the facility 156 kilograms of uranium 235 contained in uranium enriched to approximately 93% in the isotope uranium 235. Estimated schedules of special nuclear material transfers to Westinghouse and returns to the Commission are contained in Appendix "A" which is attached hereto. Shipments by the Commission to Westinghouse in accordance with column (2) in Appendix "A" will be conditioned upon Westinghouse's return to the Commission of material substantially in accordance with column (3) of Appendix "A".

5. This license is effective as of the date of issuance and shall expire at midnight July 3, 1967.

Attachment:  
Appendix "A"

Date of Issuance: JUN 19 1959

APPENDIX "A"

TO

WESTINGHOUSE ELECTRIC CORPORATION

LICENSE NO. TR-2

Estimated Schedule of Transfers of Special Nuclear Material from the Commission to Westinghouse and to the Commission from Westinghouse:

| (1)                               | (2)   | (3)   | (4)            | (5)                           |                               |
|-----------------------------------|---|---|----------------|-------------------------------|-------------------------------|
| Date of Transfer<br>(Fiscal Year) | Transfers from AEC to Westinghouse Electric Corp.<br>Kgs. U-235 | Returns by Westinghouse Electric Corp. to AEC |                | Net Yearly Dist.<br>Kgs.U-235 | Cumulative Dist.<br>Kgs.U-235 |
|                                   |   | Kgs. U-235 Recoverable Scrap                  | Spent Fuel     |                               |                               |
| 1958                              | 20.912  | - -   | - -            | 20.912                        | 20.912                        |
| 1959                              | 43.118  | 2.840   | - -            | 40.278                        | 61.190                        |
| 1960                              | 45.370  | 5.900   | 12.450         | 27.020                        | 88.210                        |
| 1961                              | 45.370  | 4.500   | 29.700         | 11.170                        | 99.380                        |
| 1962                              | 45.370  | 4.500   | 29.700         | 11.170                        | 110.550                       |
| 1963                              | 45.370  | 4.500   | 29.700         | 11.170                        | 121.720                       |
| 1964                              | 45.370  | 4.500   | 29.700         | 11.170                        | 132.890                       |
| 1965                              | 45.370  | 4.500   | 29.700         | 11.170                        | 144.060                       |
| 1966                              | 45.370  | 4.500   | 29.700         | 11.170                        | 155.230                       |
| 1967                              | 22.000  | 3.700   | 29.700         | (11.400)                      | 143.830                       |
|                                   | - -   | - -   | 48.940*        | (48.940)                      | 94.890**                      |
|                                   | <u>403.620</u>  | <u>39.440</u>                                 | <u>269.290</u> | <u>94.890</u>                 |                               |

\* Inventory to be returned

\*\* Fabrication and burnup losses



UNITED STATES OF AMERICA  
ATOMIC ENERGY COMMISSION

In the Matter of  
Westinghouse Electric Corporation }

Docket No. 50-22

NOTICE OF HEARING ON APPLICATION FOR LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, and the regulations in Part 2, 10 CFR, "Rules of Practice," notice is hereby given that a hearing will be held to consider the issuance of a facility license for a testing facility to the above-named applicant under Sections 104c and 185 of the Atomic Energy Act of 1954, as amended. The hearing will commence at 10:30 A.M. on Wednesday March 25, 1959 and will be held in the Auditorium of the AEC Headquarters, Germantown, Maryland. The application is available for public inspection at the AEC's Public Document Room, 1717 H Street, N. W., Washington, D. C.

The issues to be considered at the hearing will be the following:

1. Whether the utilization facility authorized for construction by Construction Permit No. CPRR-8 dated July 3, 1957, henceforth designated Construction Permit No. CPTR-1 dated July 3, 1957 and issued to Westinghouse Electric Corporation, has been constructed in compliance with the terms and conditions of the construction permit and will operate in conformity with the application as amended, the construction permit, the Act and rules and regulations of the Commission;

2. Whether there is reasonable assurance that the facility can be operated without endangering the health and safety of the public;
3. Whether the Westinghouse Electric Corporation is technically and financially qualified to operate the facility, to assume financial responsibility for payment of Commission charges for special nuclear material, to undertake and carry out the proposed use of such material for a reasonable period of time, and to engage in the proposed activities in accordance with the Commission's regulations;
4. Whether the Westinghouse Electric Corporation has furnished to the Commission proof of financial protection in accordance with 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements."
5. Whether the issuance of a license to operate the facility will be inimical to the common defense and security or to the health and safety of the public.

Petitions for leave to intervene must be received in the Office of the Secretary, Atomic Energy Commission, Germantown, Maryland, or in the AEC Public Document Room, 1717 H Street, N. W., Washington, D. C., not later than March 20, 1959, or in the event of a postponement of the hearing date specified above at such time as the Presiding Officer may provide upon application of the petitioner.

Answers to this notice shall be filed by Westinghouse Electric Corporation pursuant to Section 2.736 of the Rules of Practice on or before March 16, 1959. In the absence of good cause shown to the contrary, the AEC staff proposes to recommend at the hearing that the AEC issue a facility license to the applicant substantially in the form annexed as Annex "A".

Papers required to be filed with the AEC in this proceeding shall be filed by mailing to the Secretary, Atomic Energy Commission, Washington 25, D. C., or may be filed in person at the Office of the Secretary, Atomic Energy Commission, Germantown, Maryland, or at the AEC Public Document Room, 1717 H Street, N. W., Washington, D. C. Pending further order of the Presiding Officer, parties shall file twenty copies of each such paper with the AEC and where service of papers is required on other parties shall serve five copies of each.

Pursuant to Section 182b of the Atomic Energy Act of 1954, as amended, notice is hereby given that the report of the Advisory Committee on Reactor Safeguards in this matter is available for public inspection at the Commission's Public Document Room. A hazards analysis by the AEC staff on this matter is also available in the Public Document Room.

The Commission designated Samuel W. Jensch, Esq., as the Presiding Officer to conduct the hearing and to render a decision pursuant to Section 2.751 (a) of the Commission's "Rules of Practice".

FOR THE ATOMIC ENERGY COMMISSION

H. L. Price,  
Director,  
Division of Licensing and Regulation

Dated at Germantown, Maryland  
this 16<sup>th</sup> day of February, 1959.

ANNEX "A"

DOCKET NO. 50-22

WESTINGHOUSE ELECTRIC CORPORATION

PROPOSED LICENSE

License No.

1. This license applies to the heterogeneous, light water cooled and moderated 20,000 kilowatt (thermal) testing reactor (hereinafter referred to as "the facility") which is owned by Westinghouse Electric Corporation and located near Waltz Mill in Westmoreland County, Pennsylvania, and described in Westinghouse Electric Corporation's application attested February 29, 1956, and amendments to the application attested August 3 and 20, 1956, September 17, 1956, February 4, 1957, April 29, 1957, August 7, 1957, September 5, 1957, August 7, 1958, September 29, 1958, October 30, 1958, December 16, 1958, January 27, 1959 and February 5, 1959, (herein collectively referred to as "the application") and for which Construction Permit No. CPRR-8 (henceforth designated CPTR-1) was issued by the Commission on July 3, 1957.
2. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses Westinghouse Electric Corporation:
  - a. Pursuant to Section 104(c) of the Atomic Energy Act of 1954, as amended, (hereinafter referred to as "the Act") and Title 10, CFR, Chapter 1, Part 50, "Licensing of Production and Utilization Facilities", to possess and operate the facility as a utilization facility in accordance with the procedures described in the application;

b. Pursuant to the Act and Title 10, CFR, Chapter 1, Part 70, "Special Nuclear Material", to receive, possess and use 156 kilograms of contained uranium 235 as fuel for operation of the facility; and

c. Pursuant to the Act and Title 10, CFR, Chapter 1, Part 30, "Licensing of Byproduct Material", to possess, but not to separate, such byproduct material as may be produced by operation of the facility.

3. This license shall be deemed to contain and be subject to the conditions specified in Section 50.54 of Part 50 and Section 70.32 of Part 70; is subject to all applicable provisions of the Act and rules, regulations and orders of the Commission now or hereafter in effect; and is subject to any additional conditions specified or incorporated below:

a. Operating Restrictions

(1) Westinghouse Electric Corporation (hereinafter referred to as "Westinghouse") shall not operate the facility at a power level in excess of 20,000 kilowatts (thermal).

(2) Westinghouse shall not operate the facility with a combined fuel and experiment loading resulting in an excess reactivity of more than 10% above cold clean critical.

(3) Westinghouse shall not operate the facility unless the over-all void and over-all temperature coefficients are negative and of such values that the facility can inherently withstand, without melting of fuel element cladding, a step increase in reactivity of at least 1%.

(4) Westinghouse may make changes in

- (a) The physical, nuclear, thermal, or hydraulic performance characteristics of the reactor core;
  - (b) The performance characteristics of the reactor control and safety systems;
  - (c) The number and type of experimental facilities;
  - (d) The physical, thermal, or hydraulic performance characteristics of the high pressure experimental thimbles or loops;
  - (e) The reactivity limitations on experiments; or
  - (f) The integrity of the containment vessel
- specified in the application only in accordance with the following procedures:

After review and approval of the proposed change by the Westinghouse Testing Reactor Safeguards Committee, Westinghouse shall provide the Commission with a report describing the proposed change including a hazards evaluation of the proposed change. If, within 15 days after receiving such report, the Commission does not issue any notice to Westinghouse to the contrary, Westinghouse may make such change without further approval. If, within 15 days after receipt by the Commission of such report, the Commission notifies Westinghouse that the hazards involved may be greater than or materially different from those analyzed in

The Final Safety Report, or that the proposed change involves a material alteration of the facility, the change shall not be made until after such change has been authorized in writing by the Commission. If a license amendment is necessary to authorize the proposed change, the report submitted by Westinghouse shall be deemed to constitute an application for a license amendment.

- (5) Except with respect to the categories described in paragraph 3.a. (4) above, Westinghouse may make changes in the facility design, performance characteristics, and operating procedures specified in the application only in accordance with the following procedures:
- (a) The Westinghouse Testing Reactor Safeguards Committee shall evaluate the hazards involved in the proposed change and the effect of such change on each of the postulated accidents analyzed in Final Safety Report, WCAP-369, Revised, dated August 7, 1958, as amended on September 29, October 30, 1958 and January 27, 1959, (herein collectively referred to as "The Final Safety Report"),
  - (b) (i) If the Westinghouse Testing Reactor Safeguards Committee determines that the proposed change involves hazards not greater than and not different from those analyzed in The Final Safety Report, and does not involve a material alteration of the facility, no

further approval shall be required.

(ii) If the Westinghouse Testing Reactor Safeguards Committee determines that the hazards involved are or may be greater than or different from those analyzed in The Final Safety Report or if the Committee determines that the proposed change involves a material alteration of the facility, the procedures set forth in paragraph 3.a.(4) shall apply.

For purposes of paragraphs 3.a.(4) and (5) a proposed change shall be deemed to involve "hazards not greater than, and not different from, those analyzed in The Final Safety Report" if (1) the probability of the types of accidents analyzed in The Final Safety Report would not be increased, and (2) the possible consequences of the types of accidents analyzed in The Final Safety Report would not be increased, and (3) such change would not create a credible probability of an accident of a type different from those analyzed in The Final Safety Report. A proposed change shall be deemed to involve hazards which may be "greater than, or different from, those analyzed in The Final Safety Report" if (1) the probability of the types of accidents analyzed in The Final Safety Report might be increased, or (2) the consequences of the types of accidents analyzed in The Final Safety Report might be increased, or (3) such change might create a credible probability of an accident of a type different from those analyzed in The Final Safety Report.



- (6) No experiment or test shall be conducted in the facility until the proposed experiment or test has been reviewed and approved by the Westinghouse Testing Reactor Safeguards Committee.
- (7) In any case where the procedures described in the application are not consistent with the operating restrictions specified in this paragraph 3., the restrictions contained herein shall govern.

b. Records

In addition to those otherwise required under this license and applicable regulations, Westinghouse shall keep the following records:

- (1) Reactor operating records, including power levels.
- (2) Records showing radioactivity released or discharged into the air or water beyond the effective control of Westinghouse as measured at the point of such release or discharge.
- (3) Records of emergency shutdowns, including reasons therefor.
- (4) Records containing a description of each change authorized pursuant to paragraph 3.a.(5)(b)(i) by the Westinghouse Testing Reactor Safeguards Committee and a summary statement of the bases for the conclusions reached by the Committee.

- (5) Records <sup>containing</sup> ~~containing~~ a description of each test or experiment conducted in the facility.

c. Reports

- (1) Westinghouse shall make an immediate report in writing to the Commission of any indication or occurrence of a possible unsafe condition relating to the operation of the facility.
- (2) Westinghouse shall submit to the Commission a report of the results of operation of the facility pertinent to safety during (a) the low power tests (power levels up to 200 kilowatts) and the subsequent "check out" period, (b) the full power testing without high pressure experiments and (c) the full power tests with high pressure experiments. These reports should also identify any change made in the facility design, performance characteristics and operating procedures. Each such report shall be submitted to the Commission immediately following the conclusion of each stage except that the report of full power testing with high pressure experiments shall be submitted after three months of such operations.
- (3) An annual report of operating experience and changes in facility design, performance characteristics, and operating procedure shall be submitted to the Commission, the first such report to be submitted within thirteen months following issuance of this license.

4. Pursuant to Section 50.60 of the regulations in Title 10, Chapter 1, CFR, Part 50, the Commission has allocated to Westinghouse for use in the operation of the facility 156 kilograms of uranium 235 contained in uranium enriched to approximately 93% in the isotope uranium 235. Estimated schedules of special nuclear material transfers to Westinghouse and returns to the Commission are contained in Appendix "A" which is attached hereto. Shipments by the Commission to Westinghouse in accordance with column (2) in Appendix "A" will be conditioned upon Westinghouse's return to the Commission of material substantially in accordance with column (3) of Appendix "A".
5. This license is effective as of the date of issuance and shall expire at midnight July 3, 1967.

FOR THE ATOMIC ENERGY COMMISSION

Attachment:  
Appendix "A"

Date of Issuance:

APPENDIX "A"

TO

WESTINGHOUSE ELECTRIC CORPORATION

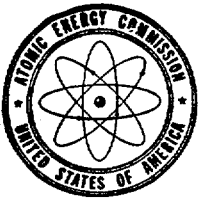
PROPOSED LICENSE

Estimated Schedule of Transfers of Special Nuclear Material from the Commission to Westinghouse and to the Commission from Westinghouse:

| (1)                                   | (2)   | (3)   |                   | (4)                                      | (5)                                      |
|---------------------------------------|---|---|-------------------|--|--|
| <u>Date of Transfer (Fiscal Year)</u> | <u>Transfers from AEC to Westinghouse Electric Corp. Kgs. U-235</u> | <u>Returns by Westinghouse Electric Corp. to AEC Kgs. U-235</u> |                   | <u>Net Yearly Distribution Kgs.U-235</u> | <u>Cumulative Distribution Kgs.U-235</u> |
|                                       |   | <u>Recoverable Scrap</u>  | <u>Spent Fuel</u> |  |  |
| 1958                                  | 20.912  | --  | --                | 20.912                                   | 20.912                                   |
| 1959                                  | 43.118  | 2.840   | --                | 40.278                                   | 61.190                                   |
| 1960                                  | 45.370  | 5.900   | 12.450            | 27.020                                   | 88.210                                   |
| 1961                                  | 45.370  | 4.500   | 29.700            | 11.170                                   | 99.380                                   |
| 1962                                  | 45.370  | 4.500   | 29.700            | 11.170                                   | 110.550                                  |
| 1963                                  | 45.370  | 4.500   | 29.700            | 11.170                                   | 121.720                                  |
| 1964                                  | 45.370  | 4.500   | 29.700            | 11.170                                   | 132.890                                  |
| 1965                                  | 45.370  | 4.500   | 29.700            | 11.170                                   | 144.060                                  |
| 1966                                  | 45.370  | 4.500   | 29.700            | 11.170                                   | 155.230                                  |
| 1967                                  | 22.000  | 3.700   | 29.700            | (11.400)                                 | 143.830                                  |
|                                       | --  | --  | 48.940*           | (48.940)                                 | 94.890**                                 |
|                                       | 403.620   | 39.440  | 269.290           | 94.890                                   |  |

\* Inventory to be returned

\*\* Fabrication and burnup losses



UNITED STATES  
ATOMIC ENERGY COMMISSION  
WASHINGTON 25, D. C.

50-22, -34  
- 87  
Formal File

JUN 25 1959

Westinghouse Electric Corporation  
Atomic Power Department  
P. O. Box 355  
Pittsburgh 30, Pennsylvania

Gentlemen:

The Commission hereby agrees to indemnify and hold harmless

Westinghouse Electric Corporation

and other persons indemnified as their interests may appear, from public liability in excess of \$3,000,000 arising from nuclear incidents provided that with respect to any nuclear incident occurring between 12:01 a.m. November 25, 1957 and 12:01 a.m. JUN 19, 1959 inclusive the level of financial protection required of you under License Nos. CX-6 and CX-11 shall be \$250,000, and with respect to any nuclear incident occurring subsequent to 12:01 a.m. JUN 19, 1959 the level of financial protection required of you under License Nos. CX-6, CX-11 and TR-2 shall be \$3,000,000. The aggregate indemnity for all persons indemnified in connection with each nuclear incident shall not exceed \$500,000,000 including the reasonable costs of investigating and settling claims and defending suits for damage. The obligations of the Commission under this agreement shall apply only with respect to such public liability as arises out of or in connection with the activities licensed under AEC License Nos. CX-6, CX-11, and TR-2. The terms "person indemnified", "public liability", and "nuclear incident", as used in this paragraph have the meanings defined in Section 11 of the Atomic Energy Act of 1954, as amended. This agreement is effective as of November 25, 1957.

This agreement will be superseded, in due course, by the execution and issuance of a formal indemnity agreement between you and the Commission containing such provisions as are required by law and such additional provisions as may be incorporated therein by the Commission pursuant to its regulations, which formal agreement will be effective, and will supersede this agreement, as of the effective date referred to above. Until this agreement has been so superseded, it is understood that this agreement constitutes the agreement of indemnification contemplated by subsection 170c of the Atomic Energy Act of 1954, as amended.

As you know, the regulations in Part 140 are considered to be of a temporary nature. Future amendments to the regulations in Part 140 may among other things, change the amount or nature of the financial protection which must be maintained as a condition of the license referred to above.

JUN 25 1959

By your acceptance of this agreement, you agree to pay to the Commission the fee provided for by section 140.17(b) of the Commission's regulations, in accordance with billing instructions received from the Commission.

U. S. ATOMIC ENERGY COMMISSION

By 

Director  
Division of Licensing and Regulation

Accepted July 1, 1959

By   
Vice President