

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

OCT 10 1989

U.S. Nuclear Regulatory Commission
Document Control Desk
ATTN: Mr. Ira Dinitz
Washington, D.C. 20555

Gentlemen:

In the Matter of)	Docket Nos.	50-259
Tennessee Valley Authority)		50-260
			50-296
			50-327
			50-328
			70-2910 (SNM-1861)
			70-2928 (SNM-1873)
			70-2917 (SNM-1865)
			70-2941 (SNM-1883)

AMENDMENTS TO INDEMNITY AGREEMENT NOS. B-52, B-82, B-88, AND B-89

In reference to NRC letters to TVA concerning changes to our indemnity agreements, enclosed is a signed copy of each of TVA's indemnity agreements. It is TVA's understanding that the amendments to indemnity agreement Nos. B-88 and B-89 will not become effective until fuel loading of each unit. In accordance with 10 CFR 140.13, indemnity agreement Nos. B-88 and B-89 will continue to maintain financial protection in the amount of \$1,000,000.

If you have any questions, please telephone P. J. Hammons at (615) 751-2736.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

M. J. Ray Jr.
Manager, Nuclear Licensing and
Regulatory Affairs

Enclosures
cc: See page 2

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U.S. Nuclear Regulatory Commission

OCT 10 1989

Enclosure

cc (Enclosure):

Ms. S. C. Black, Assistant Director
for Projects
TVA Projects Division
U.S. Nuclear Regulatory Commission
One White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852

Mr. B. A. Wilson, Assistant Director
for Inspection Programs
TVA Projects Division
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

NRC Resident Inspector
Browns Ferry Nuclear Plant
Route 12, Box 637
Athens, Alabama 35609-2000

NRC Resident Inspector
Sequoyah Nuclear Plant
2600 Igo Ferry Road
Soddy Daisy, Tennessee 37379

NRC Resident Inspector
Watts Bar Nuclear Plant
P.O. Box 700
Spring City, Tennessee 37379



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

Docket Nos. 50-259, 50-260,
50-296

Amendment to Indemnity Agreement No. B-52
Amendment No. 15

Effective July 1, 1989, Indemnity Agreement No. B-52 between Tennessee Valley Authority and the Atomic Energy Commission dated November 8, 1971, as amended, is hereby further amended as follows:

The amount "\$160,000,000" is deleted wherever it appears and the amount "\$200,000,000" is substituted therefor.

The amount "\$124,000,000" is deleted wherever it appears and the amount "\$155,000,000" is substituted therefor.

The amount "\$36,000,000" is deleted wherever it appears and the amount "\$45,000,000" is substituted therefor.

Paragraph 1, Article I is modified to read as follows:

1. "Nuclear reactor," "byproduct material," "person," "source material," "special nuclear material," and "precautionary evacuation" shall have the meanings given them in the Atomic Energy Act of 1954, as amended, and the regulations issued by the Commission.

The definition of "public liability" in paragraph 7, Article I is deleted, and the following is substituted therefor:

"Public liability" means any legal liability arising out of or resulting from a nuclear incident or precautionary evacuation (including all reasonable additional costs incurred by a State or a political subdivision of a State, in the course or responding to a nuclear incident or precautionary evacuation), except (1) claims under State or Federal Workmen's Compensation Acts of employees of persons indemnified who are employed (a) at the location or, if the nuclear incident occurs in the course of transportation of the radioactive material, on the transporting vehicle, and (b) in connection with the licensee's possession, use or transfer of the radioactive material; (2) claims arising out of an act of war; and (3) claims for loss of, or damage to, or loss of use of (a) property which is located at the location and used in connection with the licensee's possession, use, or transfer of the radioactive material, and (b) if the nuclear incident occurs in the course of transportation of the radioactive material, the transporting vehicle, containers used in such transportation, and the radioactive material.

Paragraph 4(c), Article II is revised to read as follows:

- (c) Any issue or defense based on any statute of limitations if suit is instituted within three years from the date on which the claimant first knew, or reasonably could have known, of his injury or damage and the cause thereof.

In paragraph 1, Article VIII, the amount "\$5,000,000" is deleted and the amount "\$63,000,000" is substituted therefor.

Item 2a of the Attachment to the indemnity agreement is deleted in its entirety and the following substituted therefor:

Item 2 - Amount of financial protection

a. \$1,000,000	(From 12:01 a.m., November 8, 1971, to 12 midnight, June 25, 1973, inclusive)
\$95,000,000	(From 12:01 a.m., June 26, 1973, to 12 midnight, February 28, 1974, inclusive)
\$110,000,000	(From 12:01 a.m., March 1, 1974, to 12 midnight, March 20, 1975, inclusive)
\$125,000,000	(From 12:01 a.m., March 21, 1975, to 12 midnight, April 30, 1977 inclusive)
\$140,000,000*	(From 12:01 a.m., May 1, 1977, to 12 midnight, April 30, 1979 inclusive)
\$160,000,000*	(From 12:01 a.m., May 1, 1979, to 12 midnight, June 30, 1989 inclusive)
\$200,000,000*	(From 12:01 a.m., July 1, 1989)

FOR THE UNITED STATES NUCLEAR REGULATORY COMMISSION

Cecil O. Thomas

Cecil O. Thomas, Chief
 Policy Development and Technical Support Branch
 Program Management, Policy Development
 and Analysis Staff
 Office of Nuclear Reactor Regulation

*and, as of August 1, 1977, the amount available as secondary financial protection.

Accepted October 10, 1989

By Mark L. Medford
Tennessee Valley Authority





UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

Docket Nos. 50-327, 50-328

Amendment to Indemnity Agreement No. B-82
Amendment No. 9

Effective July 1, 1989, Indemnity Agreement No. B-82, between Tennessee Valley Authority, and the Nuclear Regulatory Commission, dated March 25, 1977 as amended, is hereby further amended as follows:

The amount "\$160,000,000" is deleted wherever it appears and the amount "\$200,000,000" is substituted therefor.

The amount "\$124,000,000" is deleted wherever it appears and the amount "\$155,000,000" is substituted therefor.

The amount "\$36,000,000" is deleted wherever it appears and the amount "\$45,000,000" is substituted therefor.

Paragraph 1, Article I is modified to read as follows:

1. "Nuclear reactor," "byproduct material," "person," "source material," "special nuclear material," and "precautionary evacuation" shall have the meanings given them in the Atomic Energy Act of 1954, as amended, and the regulations issued by the Commission.

The definition of "public liability" in paragraph 7, Article I is deleted, and the following is substituted therefor:

"Public liability" means any legal liability arising out of or resulting from a nuclear incident or precautionary evacuation (including all reasonable additional costs incurred by a State or a political subdivision of a State, in the course or responding to a nuclear incident or precautionary evacuation), except (1) claims under State or Federal Workmen's Compensation Acts of employees of persons indemnified who are employed (a) at the location or, if the nuclear incident occurs in the course of transportation of the radioactive material, on the transporting vehicle, and (b) in connection with the licensee's possession, use or transfer of the radioactive material; (2) claims arising out of an act of war; and (3) claims for loss of, or damage to, or loss of use of (a) property which is located at the location and used in connection with the licensee's possession, use, or transfer of the radioactive material, and (b) if the nuclear incident occurs in the course of transportation of the radioactive material, the transporting vehicle, containers used in such transportation, and the radioactive material.

Paragraph 4(c), Article II is revised to read as follows:

- (c) Any issue or defense based on any statute of limitations if suit is instituted within three years from the date on which the claimant first knew, or reasonably could have known, of his injury or damage and the cause thereof.

In paragraph 1, Article VIII, the amount "\$5,000,000" is deleted and the amount "\$63,000,000" is substituted therefor.

Item 2a of the Attachment to the indemnity agreement is deleted in its entirety and the following substituted therefor:

Item 2 - Amount of financial protection

- a. \$1,000,000 (From 12:01 a.m., March 25, 1977 to 12 midnight, February 28, 1980, inclusive)
- \$160,000,000* (From 12:01 a.m., February 29, 1980, 12 midnight, June 30, 1989 inclusive)
- \$200,000,000* (From 12:01 a.m., July 1, 1989)

FOR THE UNITED STATES NUCLEAR REGULATORY COMMISSION

Cecil O. Thomas

Cecil O. Thomas, Chief
Policy Development and Technical Support Branch
Program Management, Policy Development
and Analysis Staff
Office of Nuclear Reactor Regulation

Accepted October 10, 1989

By Mark O. Mather
Tennessee Valley Authority

*and, as of August 1, 1977, the amount available as secondary financial protection.



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

Docket Nos. 50-390, 50-391

Amendment to Indemnity Agreement No. B-88
Amendment No. 3

Effective July 1, 1989, Indemnity Agreement No. B-88 between Tennessee Valley Authority, and the Nuclear Regulatory Commission dated September 5, 1979, as amended, is hereby further amended as follows:

The amount "\$160,000,000" is deleted wherever it appears and the amount "\$200,000,000" is substituted therefor.

The amount "\$124,000,000" is deleted wherever it appears and the amount "\$155,000,000" is substituted therefor.

The amount "\$36,000,000" is deleted wherever it appears and the amount "\$45,000,000" is substituted therefor.

Paragraph 1, Article I is modified to read as follows:

1. "Nuclear reactor," "byproduct material," "person," "source material," "special nuclear material," and "precautionary evacuation" shall have the meanings given them in the Atomic Energy Act of 1954, as amended, and the regulations issued by the Commission.

The definition of "public liability" in paragraph 7, Article I is deleted, and the following is substituted therefor:

"Public liability" means any legal liability arising out of or resulting from a nuclear incident or precautionary evacuation (including all reasonable additional costs incurred by a State or a political subdivision of a State, in the course or responding to a nuclear incident or precautionary evacuation), except (1) claims under State or Federal Workmen's Compensation Acts of employees of persons indemnified who are employed (a) at the location or, if the nuclear incident occurs in the course of transportation of the radioactive material, on the transporting vehicle, and (b) in connection with the licensee's possession, use or transfer of the radioactive material; (2) claims arising out of an act of war; and (3) claims for loss of, or damage to, or loss of use of (a) property which is located at the location and used in connection with the licensee's possession, use, or transfer of the radioactive material, and (b) if the nuclear incident occurs in the course of transportation of the radioactive material, the transporting vehicle, containers used in such transportation, and the radioactive material.

Paragraph 4(c), Article II is revised to read as follows:

- (c) Any issue or defense based on any statute of limitations if suit is instituted within three years from the date on which the claimant first knew, or reasonably could have known, of his injury or damage and the cause thereof.

In paragraph 1, Article VIII, the amount "\$5,000,000" is deleted and the amount "\$63,000,000" is substituted therefor.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Cecil O. Thomas

Cecil O. Thomas, Chief
Policy Development and Technical Support Branch
Program Management Policy Development
and Analysis Staff
Office Nuclear Reactor Regulation

Accepted October 10, 1989

By *Mark S. Mealy*
Tennessee Valley Authority



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

Docket Nos. 70-2917, 70-2941

Amendment to Indemnity Agreement No. B-89
Amendment No. 3

Effective July 1, 1989, Indemnity Agreement No. B-89 between Tennessee Valley Authority, and the Nuclear Regulatory Commission dated January 30, 1980, as amended, is hereby further amended as follows:

The amount "\$160,000,000" is deleted wherever it appears and the amount "\$200,000,000" is substituted therefor.

The amount "\$124,000,000" is deleted wherever it appears and the amount "\$155,000,000" is substituted therefor.

The amount "\$36,000,000" is deleted wherever it appears and the amount "\$45,000,000" is substituted therefor.

Paragraph 1, Article I is modified to read as follows:

1. "Nuclear reactor," "byproduct material," "person," "source material," "special nuclear material," and "precautionary evacuation" shall have the meanings given them in the Atomic Energy Act of 1954, as amended, and the regulations issued by the Commission.

The definition of "public liability" in paragraph 7, Article I is deleted, and the following is substituted therefor:

"Public liability" means any legal liability arising out of or resulting from a nuclear incident or precautionary evacuation (including all reasonable additional costs incurred by a State or a political subdivision of a State, in the course or responding to a nuclear incident or precautionary evacuation), except (1) claims under State or Federal Workmen's Compensation Acts of employees of persons indemnified who are employed (a) at the location or, if the nuclear incident occurs in the course of transportation of the radioactive material, on the transporting vehicle, and (b) in connection with the licensee's possession, use or transfer of the radioactive material; (2) claims arising out of an act of war; and (3) claims for loss of, or damage to, or loss of use of (a) property which is located at the location and used in connection with the licensee's possession, use, or transfer of the radioactive material, and (b) if the nuclear incident occurs in the course of transportation of the radioactive material, the transporting vehicle, containers used in such transportation, and the radioactive material.

Paragraph 4(c), Article II is revised to read as follows:

- (c) Any issue or defense based on any statute of limitations if suit is instituted within three years from the date on which the claimant first knew, or reasonably could have known, of his injury or damage and the cause thereof.

In paragraph 1, Article VIII, the amount "\$5,000,000" is deleted and the amount "\$63,000,000" is substituted therefor.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Cecil O. Thomas

Cecil O. Thomas, Chief
Policy Development and Technical Support Branch
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Accepted October 10, 1989

By *Mark D. Neely*
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