

76 South Main Street Akron, Ohio 44308

Richard H. Marsh, CFA Senior Vice President and Chief Financial Officer

March 24, 2005

330-384-5318 Fax: 384-5669

<u>CERTIFIED MAIL</u> Return Receipt Requested

Letter Number: L-05-060 (Beaver Valley)

United States Nuclear Regulatory Commission Document Control Desk Washington, D.C. 20555-0001

Beaver Valley Power Station, Unit 1 Docket No. 50-334

Beaver Valley Power Station, Unit 2 Docket No. 50-412

RE: Decommissioning Reports for the Beaver Valley Power Station, Units 1 and 2

Ladies and Gentlemen:

Pursuant to 10 CFR 50.75(f)(1), FirstEnergy Corp. is hereby submitting the Decommissioning Reports for the Beaver Valley Power Station, Units 1 and 2 for the year ending December 31, 2004.

If you have questions or require additional information, please contact Mr. R. Terry Conlin, Staff Analyst at 330-384-4605.

Very truly yours,

Pula A Mul

Attachments

## NRC Decommissioning Funding Status Report Beaver Valley Nuclear Power Station Unit 2 As of December 31, 2004

(Note: This report reflects FirstEnergy Corp.'s consolidated share of ownership interest in Beaver Valley Nuclear Power Station Unit 2).

1. The minimum decommissioning fund estimate, pursuant to 10 CFR 50.75(b) and (c) (See Schedule 1):

Ohio Edison Company	\$149,372,337
Pennsylvania Power Company	49,006,109
Cleveland Electric Illuminating Company	87,276,529
Toledo Edison Company	<u>71,012,493</u>
FirstEnergy Consolidated	<u>\$356,667,468</u>

2.	. The amount accumulated in external trust funds at December 31, 2004:						
	Ohio Edison Company \$						
	Pennsylvania Power Company						
	Cleveland Electric Illuminating Company						
	Toledo Edison Company	<u>56,124,697</u>					
	FirstEnergy Consolidated	<u>\$221,804,361</u>					

- 3. A schedule of the annual amounts over the number of years remaining to be collected from ratepayers is attached as Schedule 2.
- 4. The assumptions used regarding escalation in decommissioning cost, rates of earnings on decommissioning funds, and rates of other factors used in funding projections:

Consolidated Ownership Interest in Unit	100%
"Real" Rate of Return through Dismantlement	2.00%
Year of Final Dismantlement	2035
Year of License Termination	2027

- 5. There are no contracts upon which the owners/licensees are relying pursuant to 10 CFR 50.75(e)(1)(v).
- 6. Due to the passage of the Ohio Electric Utility Industry Restructuring Bill, Ohio Edison Company, Cleveland Electric Illuminating Company, and Toledo Edison Company, have accelerated the timing of the contributions to the external trust. The contributions pertaining to Public Utility Commission of Ohio will be collected from ratepayers through 2005, while Ohio Edison and Toledo Edison contributions pertaining to FERC will be collected through 2027.
- 7. The Trust Agreements for the above-mentioned owners of Beaver Valley Unit No. 2 were amended effective December 9, 2003 in order to incorporate the *"Notice Regarding Disbursements or Payments"* as required by the NRC (see Schedule 3).

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## Schedule 1 Page 1 of 4

\$356,667,468

## OHIO EDISON COMPANY

## Calculation of Minimum Financial Assurance Amount for December 2004 BEAVER VALLEY NUCLEAR POWER STATION UNIT TWO

**Pennsylvania Regions** 

Labor (L) = Northeast Energy (E) = National Waste Burial (B) = South Carolina

#### For PWR Unit

1

		Adjustment		Escalation
		Factor	Ratio	Factor
	L=	2.070	0.65	1.346
	- E =	1.434	0.13	0.186
	B =	9.467	0.22	2.083
PWR Escalation Factor =	<b>:</b> ·			3.615
Base Amount for PWR b (P = power level in mega			= (\$75m + 0.0088	P)
(\$75 + 0.0088(2,689)) mi	llion =			\$98,663,200
(\$75 + 0.0088(2,689)) mi Escalated Amount for un		); 3.615 =		\$98,663,200
	it = 98,663,200			\$98,663,200

Schedule 1 Page 2 of 4

## CLEVELAND ELECTRIC ILLUMINATING COMPANY

## Calculation of Minimum Financial Assurance Amount December 31, 2004 BEAVER VALLEY NUCLEAR POWER STATION UNIT TWO

## Pennsylvania Regions

Labor (L) = Northeast Energy (E) = National Waste Burial (B) = South Carolina

## For PWR Unit

		Adjustment		Escalation	
	<u> </u>	Factor	Ratio	Factor	
	L = E = B =	2.070 1.434 9.467	0.65 0.13 0.22	1.346 0.186 2.083	
PWR Escalation Factor =				3.615	
Base Amount for PWR betw (P = power level in megawa			Wt = (\$75m + 0.0088	P)	
(\$75 + 0.0088(2,689)) millio	n =			\$98,663,200	
Escalated Amount for unit =	98,663,200 >	3.615	=		\$356,667,468
Escalated Amount for Cleveland Electric Illuminating Company's ownership interest (24.47 %) in the unit:					
\$356,667,468 x	24.47%	=	\$87,276,529	for December 2004	

## TOLEDO EDISON COMPANY

## Calculation of Minimum Financial Assurance Amount for December 2004 BEAVER VALLEY NUCLEAR POWER STATION UNIT TWO

## Pennsylvania Regions

Labor (L) = Northeast Energy (E) = National Waste Burial (B) = South Carolina

## For PWR Unit

		Adjustment		Escalation	
		Factor	Ratio	Factor	
	L =	2.070	0.65	1.346	
	E =	1.434	0.13	0.186	
	B =	9.467	0.22	2.083	
or =				3.615	

PWR Escalation Factor =

Base Amount for PWR between 1200 MWt and 3400 MWt = (\$75m + 0.0088P)(P = power level in megawatts thermal = 2,689)

(\$75 + 0.0088(2,689)) million =			•	\$98,663,200	
Escalated Amount for unit = 98,663,200 x	3.615	=			\$356,667,468

Escalated Amount for Toledo Edison Company's ownership interest (19.91 %) in the unit:

\$356,667,468 x 19.91% = **\$71,012,493** for December 2004

Schedule 1 Page 4 of 4

## PENNSYLVANIA POWER COMPANY

## Calculation of Minimum Financial Assurance Amount for December 2004 BEAVER VALLEY NUCLEAR POWER STATION UNIT TWO

## Pennsylvania Regions

Labor (L) = Northeast Energy (E) = National Waste Burial (B) = South Carolina

## For PWR Unit

		Adjustment		Escalation	
		Factor	Ratio	Factor	-
	L = E = B =	2.070 1.434 9.467	0.65 0.13 0.22	1.346 0.186 2.083	<b>.</b> .
PWR Escalation Factor =				3.615	
Base Amount for PWR be (P = power level in megav			\$75m + 0.0088P)		
(\$75 + 0.0088(2,689)) mill	ion =			\$98,663,200	-
Escalated Amount for unit	= 98,663,200 x	3.615	=		\$356,667,468
Escalated Amount for Per (13.74%) in the unit:	nsylvania Power	Company's owner	ship interest		
\$356,667,468 x	13.74%	=	\$49,006,10	9_for December 2004	

# NRC Decommissioning Funding Status Report Schedule of Annual Amounts Remaining to be Collected

# Beaver Valley 2

	Annual Amounts Collected				
	Ohio	Cleveland	Toledo	Pennsylvania	FirstEnergy
Year	Edison	Electric	Edison	Power	Consolidated
2005	10,106,510	4,120,742	7,988,075	-	22,215,327
2006	222,024	•	56,101	•	278,125
2007	222,024	•	56,101	-	278,125
2008	222,024	•	56,101	-	278,125
2009	222,024	-	56,101	-	278,125
2010	222,024	.•	56,101	-	278,125
2011	222,024	-	56,101	-	278,125
2012	222,024	-	56,101	-	278,125
2013	222,024	-	56,101	-	278,125
2014	222,024	-	56,101	-	278,125
2015	222,024		56,101	-	278,125
2016	222,024	-	56,101	-	278,125
2017	222,024	-	56,101	-	278,125
2018	222,024	-	56,101	-	278,125
2019	222,024	-	56,101	-	278,125
2020	222,024	-	56,101	. <b>-</b>	278,125
2021	222,024	-	56,101	-	278,125
2022	222,024	-	56,101	-	278,125
2023	222,024	•	56,101	-	278,125
2024	222,024	-	56,101	-	278,125
2025	222,024	•	56,101	-	278,125
2026	222,024	-	56,101	-	278,125
2027	92,510	-	23,498	-	116,008
2028	-	-	-	•	•
2029	•	-	-	-	-
2030	-	-	-	-	•,
2031	-	-	-	-	-
2032	-	-	-	-	•
2033	-	-	-	-	-
2034	•	-	-	-	-
2035	-	-	-	-	
2036	•	-	-	-	•
2037	-	•	-	-	-
Total	14,861,524	4,120,742	9,189,694	<u> </u>	28,171,960

## SECOND AMENDMENT TO THE OHIO EDISON COMPANY MASTER DECOMMISSIONING TRUST AGREEMENT FOR PERRY NUCLEAR POWER PLAN UNIT ONE, PERRY NUCLEAR POWER PLAN UNIT TWO, BEAVER VALLEY POWER STATION UNIT ONE AND BEAVER VALLEY POWER STATION UNIT TWO

THIS AMENDMENT, entered into on this 9th day of December, 2003, by and between OHIO EDISON COMPANY, an Ohio corporation (hereinafter referred to as the "Company"), and MELLON BANK, N.A. (hereinafter referred to as the "Trustee"),

#### WITNESSETH

WHEREAS, the Company and the Trustee entered into a certain Master

Decommissioning Trust Agreement, as of July 1, 1993 ("the Agreement");

WHEREAS, the Company and the Trustee desire to amend the Agreement; and

WHEREAS, Section 11.05 of the Agreement provides that the Agreement may

be amended.

NOW, THEREFORE, the Company and the Trustee agree and mutually

consent to amend the Agreement in the following respects:

1. The following Section 5.05 shall be added:

<u>Notice Regarding Disbursements or Payments</u>. Notwithstanding anything to the contrary in this Agreement, except for (i) payments of ordinary administrative costs (including taxes) and other incidental expenses of the Trust Fund(including legal, accounting, actuarial, trustee, and other incidental expenses) in connection with the operation of the Trust Fund, (ii) withdrawals being made under 10 CFR 50.82(a)(8), and (iii) transfers between Qualified and Nonqualified Funds in accordance with the provisions of this Agreement, no disbursement or payment may be made from the Trust Fund until written notice of the intention to make a disbursement or payment has been given to the Director, Office of Nuclear Reactor Regulation, or the Director, Office of Nuclear Material Safety and Safeguards, as applicable, at least 30 working days before the date of the intended disbursement or payment. The disbursement or payment from the Trust Fund, if it is otherwise in compliance with the terms and

conditions of this Agreement, may be made following the 30-working day notice period if no written notice of objection from the Director, Office of Nuclear Reactor Regulation, or the Director, Office of Nuclear Material Safety and Safeguards, as applicable, is received by the Trustee or the Company within the notice period. The required notice may be made by the Trustee or on the Trustee's behalf. This Section 5.05 is intended to qualify each and every provision of this Trust Agreement allowing distributions from the Trust Fund, and in the event of any conflict between any such provision and this Section, this Section shall control.

#### 2. The following shall be added to Section 7.07(a):

The Trustee shall not be responsible for any losses resulting from the deposit or maintenance of securities or other property (in accordance with market practice, custom, or regulation) with any recognized foreign clearing facility, book-entry system, centralized custodial depository, or similar organization. The Trustee shall not be responsible or liable for any losses or damages suffered by the Funds arising as a result of the insolvency of any custodian, subtrustee or subcustodian, except to the extent the Trustee was negligent in its selection or continued retention of such entity. Settlements of transactions may be effected in trading and processing practices customary in the jurisdiction or market where the transaction occurs. The Company acknowledges that this may, in certain circumstances, require the delivery of cash or securities (or other property) without the concurrent receipt of securities (or other property) or cash and, in such circumstances, the Company shall have sole responsibility for nonreceipt of payment (or late payment) by the counterparty.

#### 3. The following Section 9.11 shall be added:

The Trustee may take all action necessary to pay for, and settle, authorized transactions, including exercising the power to borrow or raise monies from the Trustee in its corporate capacity or an affiliate. To secure expenses and advances made to settle or pay for authorized transactions, including payment for securities and disbursements, the Company grants to the Trustee a first priority security interest in the Funds, all Property therein, all income, substitutions and proceeds, whether now owned or hereafter acquired (the "Collateral"); provided that the Company does not grant the Trustee a security interest in any securities issued by an affiliate of the Trustee (as defined in Section 23A of the Federal Reserve Act). The parties intend that as the securities intermediary with respect to the Collateral, the Trustee's security interest shall automatically be perfected when it attaches. To the extent the Trustee advances funds to the Funds for disbursements or to effect the settlement of purchase transactions, the Trustee's standard overdraft terms, conditions and procedures.

4. The following Section 11.12 shall be added:

Notwithstanding anything in this Agreement to the contrary contained herein, the Trustee shall not be responsible or liable for its failure to perform under this Agreement or for any losses to the Account resulting from any event beyond the reasonable control of the Trustee, its agents or subcustodians. This provision shall survive the termination of this Agreement.

5. Each Party hereby represents and warrants to the others that it has full authority to enter into this Agreement upon the terms and conditions hereof and that the individual executing this Agreement on its behalf has the requisite authority to bind that Party.

IN WITNESS WHEREOF, the parties hereto, each intending to be legally bound hereby, have hereunto set their hands and seals as of the day and year first above written.

· OHIO EDISON COMPANY

Bv:

Name: Donald C. Perrine Title: Director, Investment Management

MELLON BANK, N.A.

Name: Title: VILE PRESIDENT

First Energy Ohio Edison

## AMENDMENT NUMBER TWO TO THE PENNSYLVANIA POWER COMPANY MASTER DECOMMISSIONING TRUST AGREEMENT FOR BEAVER VALLEY POWER STATION AND PERRY NUCLEAR POWER PLANT

This Amendment Number Two to the Pennsylvania Power Company Master Decommissioning Trust Agreement for Beaver Valley Power Station and Perry Nuclear Power Plant (the "Agreement") by and between Pennsylvania Power Company (the "Company") and Mellon Bank, N.A. (the "Trustee"), made this 9th day of December, 2003.

#### WITNESSETH:

WHEREAS, the Company entered into the Agreement to provide for the decommissioning of the Beaver Valley Power Station and the Perry Nuclear Power Plant Unit No. 1;

WHEREAS, Section 11.05 of the Agreement allows the Trustee and the Company to amend the Agreement;

WHEREAS, the parties wish to amend the Agreement.

NOW THEREFORE, the Trustee and the Company hereby amend the Agreement as follows:

1. The following Section 5.05 shall be added:

Notice Regarding Disbursements or Payments. Notwithstanding anything to the contrary in this Agreement, except for (i) payments of ordinary administrative costs (including taxes) and other incidental expenses of the Trust Fund (including legal, accounting, actuarial, trustee, and other incidental expenses) in connection with the operation of the Trust Fund, (ii) withdrawals being made under 10 CFR 50.82(a)(8), and (iii) transfers between Qualified and Nonqualified Funds in accordance with the provisions of this Agreement, no disbursement or payment may be made from the Trust Fund until written notice of the intention to make a disbursement or payment has been given to the Director, Office of Nuclear Reactor Regulation, or the Director, Office of Nuclear Material Safety and Safeguards, as applicable, at least 30 working days before the date of the intended disbursement or payment. The disbursement or payment from the Trust Fund, if it is otherwise in compliance with the terms and conditions of this Agreement, may be made following the 30-working day notice period if no written notice of objection from the Director, Office of Nuclear Reactor Regulation, or the Director, Office of Nuclear Material Safety and Safeguards, as applicable, is received by the Trustee or the Company within the notice period. The required notice may be made by the Trustee or on the Trustee's behalf. This Section 5.05 is intended to qualify each and every provision of this Trust Agreement allowing distributions from the Trust Fund, and in the event of any conflict between any such provision and this Section, this Section shall control.

2. The last sentence of Section 9.02 shall be restated as follows:

To the extent the Trustee advances funds to the Trust Fund for disbursements or to effect the settlement of purchase transactions, the Trustee shall be entitled to collect from the Trust Fund reasonable charges established under the Trustee's standard overdraft terms, conditions and procedures

3. The Company and the Trustee hereby each represent and warrant to the other that it has full authority to enter into this Amendment upon the terms and conditions hereof and that the individual executing this Amendment on its behalf has the requisite authority to bind the Company and the Trustee to this Amendment.

IN WITNESS WHEREOF, the parties hereto, each intending to be legally bound hereby, have hereunto set their hands and seals as of the day and year first above written.

PENNSXLVANIA)POWER COMPANY

By: <u>Jun June</u> Name: Donald C. Perrine Title: Manager, Investment Management

MELLON BANK, N.A.

Name: THOMAS Title:

VICE PRESIDENT

## FIRST AMENDMENT TO DECOMMISSIONING TRUST AGREEMENT dated as of December 16, 1996 between THE TOLEDO EDISON COMPANY (Davis-Besse and Perry) and Mellon Bank, N.A.

THIS AMENDMENT, entered into on this 9th day of December, 2003, by and between THE TOLEDO EDISON COMPANY, an Ohio corporation (hereinafter referred to as the "Company"), and MELLON BANK, N.A. (hereinafter referred to as the "Trustee"),

#### WITNESSETH

WHEREAS, the Company and the Trustee entered into a certain

Decommissioning Trust Agreement, as of December 16, 1996 ("the Agreement");

WHEREAS, Section 11.1 of the Agreement provides that the Agreement may

be amended at any time.

NOW, THEREFORE, the Company and the Trustee agree and mutually

consent to amend the Agreement in the following respects:

1. The following Section 2.5 shall be added:

Notice Regarding Disbursements or Payments. Notwithstanding anything to the contrary in this Agreement, except for (i) payments of ordinary administrative costs (including taxes) and other incidental expenses of the Trust Fund (including legal, accounting, actuarial, trustee, and other incidental expenses in connection with the operation of the Trust Fund, (ii) withdrawals being made under 10 CFR 50.82(a)(8), and (iii) transfers between Qualified and Nonqualified Funds in accordance with the provisions of this Agreement, no disbursement or payment may be made from the Trust Fund until written notice of the intention to make a disbursement or payment has been given to the Director, Office of Nuclear Reactor Regulation, or the Director, Office of Nuclear Material Safety and Safeguards, as applicable, at least 30 working days before the date of the intended disbursement or payment. The disbursement or payment from the Trust Fund, if it is otherwise in compliance with the terms and conditions of this Agreement, may be made following the 30-working day notice period if no written notice of objection from the Director, Office of Nuclear Reactor Regulation, or the Director, Office of Nuclear Material Safety and Safeguards, as applicable, is received by the Trustee or the Company within the notice period. The required notice may be made by the Trustee or on the Trustee's behalf. This Section 2.5 is intended to qualify each and every provision of this Trust Agreement allowing distributions from the Trust Fund, and in the event of any conflict between any such provision and this Section, this Section shall control.

2. The following shall be added to Section 6.2 (xi)

The Trustee shall not be responsible for any losses resulting from the deposit or maintenance of securities or other property (in accordance with market practice, custom, or regulation) with any recognized foreign clearing facility, book-entry system, centralized custodial depository, or similar organization.

3. Section 6.3. shall be restated as follows:

To the extent the Trustee advances funds to the Trust Fund for disbursements or to effect the settlement of purchase transactions, the Trustee shall be entitled to collect from the Trust Fund reasonable charges established under the Trustee's standard overdraft terms, conditions and procedures.

4. The following Section 6.6 shall be added:

The Trustee shall not be responsible or liable for any losses or damages suffered by the Trust Fund arising as a result of the insolvency of any custodian, subtrustee or subcustodian, except to the extent the Trustee was negligent in its selection or continued retention of such entity. Settlements of transactions may be effected in trading and processing practices customary in the jurisdiction or market where the transaction occurs. The Company acknowledges that this may, in certain circumstances, require the delivery of cash or securities (or other property) without the concurrent receipt of securities (or other property) or cash and, in such circumstances, the Company shall have sole responsibility for nonreceipt of payment (or late payment) by the counterparty.

5. All other terms and conditions of the Agreement shall remain in full force and effect. Each of the parties represents and warrants to the other parties that it has full authority to enter into this Amendment upon the terms and conditions hereof and that the individual executing this Amendment on its behalf has the requisite authority to bind the respective parties to this Amendment.

IN WITNESS WHEREOF, the parties hereto, each intending to be legally bound hereby, have hereunto set their hands and seals as of the day and year first above written. THE TOLEDO EDISON COMPANY

By: m

Name: Donald C. Perrine Title: Director, Investment Management

MELLON BANK, N.A.

hower By\_\_ Name: Title: THOMAS J. MONA VICE PRESIDENT

First Energy Centerion Toledo Edison

## AMENDMENT NO. 3 TO THE DECOMMISSIONING TRUST AGREEMENT between THE TOLEDO EDISON COMPANY and AMERITRUST COMPANY NATIONAL ASOCIATION

This amendment is entered into as of the 9th day of December, 2003, by and between The Toledo Edison Company (the "Company"), and Mellon Bank, N.A..

WHEREAS, by Amendment dated December 20, 1999 the Company appointed Mellon Bank, N.A. as successor Trustee, and Mellon Bank, N.A. agreed to act as successor Trustee subject to the terms of the Decommissioning Trust Agreement between The Toledo Edison Company and Ameritrust Company National Association ("the Agreement").

WHEREAS, in Section 10.1 of the Agreement, the parties specifically reserve the right to to amend the Agreement; and

WHEREAS, the parties wish to amend the Agreement.

NOW, THEREFORE, the parties agree as follows:

1. The following Section 2.6 shall be added:

Notice Regarding Disbursements or Payments. Notwithstanding anything to the contrary in this Agreement, except for (i) payments of ordinary administrative costs (including taxes) and other incidental expenses of the Trust Fund (including legal, accounting, actuarial, trustee expenses, and other incidental expenses) in connection with the operation of the Trust Fund, (ii) withdrawals being made under 10 CFR 50.82(a)(8), and (iii) transfers between Qualified and Nonqualified Funds in accordance with the provisions of this Agreement, no disbursement or payment may be made from the Trust Fund until written notice of the intention to make a disbursement or payment has been given to the Director, Office of Nuclear Reactor Regulation, or the Director, Office of Nuclear Material Safety and Safeguards, as applicable, at least 30 working days before the date of the intended disbursement or payment. The disbursement or payment from the Trust Fund, if it is otherwise in compliance with the terms and conditions of this Agreement, may be made following the 30-working day notice period if no written notice of objection from the Director, Office of Nuclear Reactor Regulation, or the Director, Office of Nuclear Material Safety and Safeguards, as applicable, is received by the Trustee or the Company within the notice period. The required notice may be made by the Trustee or on the Trustee's behalf. This Section 2.6 is intended to qualify each and every provision of this Trust Agreement allowing

distributions from the Trust Fund, and in the event of any conflict between any such provision and this Section, this Section shall control.

2. The following Section 5.5 shall be added:

The Trustee may lend the assets of the Trust Fund in accordance with the terms and conditions of a separate securities lending agreement.

3. The last sentence of Section 6.3 shall be restated as follows:

To the extent the Trustee advances funds to the Trust Fund for disbursements or to effect the settlement of purchase transactions, the Trustee shall be entitled to collect from the Trust Fund reasonable charges established under the Trustee's standard overdraft terms, conditions and procedures.

4. Each Party hereby represents and warrants to the others that it has full authority to enter into this Agreement upon the terms and conditions hereof and that the individual executing this Agreement on its behalf has the requisite authority to bind that Party.

IN WITNESS WHEREOF, the Parties have each set their Hands and Seals to this Amendment to the Agreement as of the date and year first written above.

THE TOLEDO EDISON COMPANY

Bv: ame

Name: Donald C. Perrine Title: Director, Investment Management

MELLON BANK. 1 koma Bv: Name: THOMAS Title: VICE PRESIDENT

First Energy Toledo Edison

## AMENDMENT NUMBER TWO TO THE FIRST AMENDED AND RESTATED MASTER DECOMMISSIONING TRUST AGREEMENT Dated as of December 16, 1999 between THE CLEVELAND ELECTRIC ILLUMINATING COMPANY (Davis-Besse, Perry and Beaver Valley) and MELLON BANK, N.A. As Trustee

This Amendment Number Two to the First Amended and Restated Master Decommissioning Trust Agreement dated as of December 16, 1999 for The Cleveland Electric Illuminating Company (Davis-Besse, Perry and Beaver Valley) (the "Agreement") by and between, The Cleveland Electric Illuminating Company, (the "Company") and Mellon Bank, N.A. (the "Trustee"), made this 9th day of December, 2003.

## WITNESSETH:

WHEREAS, the Company entered into the Agreement to provide for the decommissioning of the Davis-Besse Power Station Unit No. 1, Beaver Valley Power Station Unit 2 and Perry Power Station Unit No. 1; and

WHEREAS, Section 11.1 of the Agreement allows the Trustee and the Company to amend the Agreement;

NOW THEREFORE, the Trustee and the Company hereby amend the Agreement as follows:

1. The following Section 2.5 shall be added:

Notice Regarding Disbursements or Payments. Notwithstanding anything to the contrary in this Agreement, except for (i) payments of ordinary administrative costs (including taxes) and other incidental expenses of the Trust Fund (including legal, accounting, actuarial, trustee, and other incidental expenses) in connection with the operation of the Trust Fund, (ii) withdrawals being made under 10 CFR 50.82(a)(8), and (iii) transfers between Qualified and Nonqualified Funds in accordance with the provisions of this Agreement, no disbursement or payment may be made from the Trust Fund until written notice of the intention to make a disbursement or payment has been given to the Director, Office of Nuclear Reactor Regulation, or the Director, Office of Nuclear Material Safety and Safeguards, as applicable, at least 30 working days before the date of the intended disbursement or payment. The disbursement or payment from the Trust Fund, if it is otherwise in compliance with the terms and conditions of this Agreement, may

be made following the 30-working day notice period if no written notice of objection from the Director, Office of Nuclear Reactor Regulation, or the Director, Office of Nuclear Material Safety and Safeguards, as applicable, is received by the Trustee or the Company within the notice period. The required notice may be made by the Trustee or on the Trustee's behalf. This Section 2.5 is intended to qualify each and every provision of this Trust Agreement allowing distributions from the Trust Fund, and in the event of any conflict between any such provision and this Section, this Section shall control.

2. Section 6.3 shall be restated as follows:

To the extent the Trustee advances funds to the Trust Fund for disbursements or to effect the settlement of purchase transactions, the Trustee shall be entitled to collect from the Trust Fund reasonable charges established under the Trustee's standard overdraft terms, conditions and procedures.

3. The Company and the Trustee hereby each represent and warrant to the other that it has full authority to enter into this Amendment upon the terms and conditions hereof and that the individual executing this Amendment on its behalf has the requisite authority to bind the Company and the Trustee to this Amendment.

IN WITNESS WHEREOF, the parties hereto, each intending to be legally bound hereby, have hereunto set their hands and seals as of the day and year first above written.

> The Cleveland Electric Illuminating Company

ome Bv:

Name: Donald C. Perrine Title: Director, Investment Management

MELLON BANK, N.A.

By: /liones Name: THOMAS J.MEN, Title: VICE PRESIDEN

## NRC Decommissioning Funding Status Report Beaver Valley Power Station Unit 1 As of December 31, 2004

# (Note: This report reflects FirstEnergy Corp.'s consolidated share of ownership interest in Beaver Valley Power Station Unit 1).

1. The minimum decommissioning fund estimate, pursuant to 10 CFR 50.75(b) and (c) (see Schedule 1):

Ohio Edison Company	\$124,833,614
Pennsylvania Power Company	231,833,854
FirstEnergy Consolidated	<u>\$356,667,468</u>

2. The amount accumulated in external trust funds at December 31, 2004:

Ohio Edison Company		\$ 93,771,500
Pennsylvania Power Company		108,094,606
FirstEnergy Consolidated	,	<u>\$201,866,106</u>

- 3. A schedule of the annual amounts over the number of years remaining to be collected from ratepayers is attached as Schedule 2.
- 4. The assumptions used regarding escalation in decommissioning cost, rates of earnings on decommissioning funds, and rates of other factors used in funding projections:

Consolidated Ownership Interest in Unit	100%
"Real" Rate of Return through Dismantlement	2.00%
Year of Final Dismantlement	2035
Safestore Period	2016-2029
Year of License Termination	2016

- 5. There are no contracts upon which the owners/licensees are relying pursuant to 10 CFR 50.75(e)(1)(v).
- 6. Due to the passage of the Pennsylvania Electricity Generation Customer Choice and Competition Act and the Ohio Electric Utility Industry Restructuring Bill, Pennsylvania Power Company and Ohio Edison Company, have accelerated the timing of the contributions to the external trust. The contributions pertaining to the Pennsylvania Public Utility Commission and Public Utility Commission of Ohio will be collected from ratepayers through 2005, while contributions pertaining to FERC will be collected through 2016.
- 7. The Ohio Edison Company's and Pennsylvania Power Company's Trust Agreements were amended effective December 9, 2003 in order to incorporate the "Notice Regarding Disbursements or *Payments*" as required by the NRC (see Schedule 3).

## Schedule 1 Page 1 of 2

## OHIO EDISON COMPANY

## Calculation of Minimum Financial Assurance Amount for December 2004 BEAVER VALLEY NUCLEAR POWER PLANT UNIT ONE

## Pennsylvania Regions

Labor (L) = Northeast Energy (E) = National Waste Burial (B) = South Carolina

#### For PWR Unit

**PWR Escalation** 

		Adjustment		Escalation	
		Factor	Ratio	Factor	
	L=	2.070	0.65	1.346	
	E =	1.434	0.13	0.186	
	B =	9.467	0.22	2.083	
Factor =				3.615	

Base Amount for PWR between 1200 MWt and 3400 MWt = (\$75m + 0.0088P)(P = power level in megawatts thermal = 2,689)

(\$75 + 0.0088(2,689)) million = \$98,663,200 Escalated Amount for unit = 98,663,200 x 3.615 = \$356,667,468 Escalated Amount for Ohio Edison Company's ownership interest

(35%) in the unit:

\$356,667,468	×	35%	=	\$124,833,614	_for December 2004
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## Schedule 1 Page 2 of 2

## PENNSYLVANIA POWER COMPANY

## Calculation of Minimum Financial Assurance Amount for December 2004 BEAVER VALLEY NUCLEAR POWER PLANT UNIT ONE

## Pennsylvania Regions

Labor (L) = Northeast Energy (E) = National Waste Burial (B) = South Carolina

## For PWR Unit

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			Adjustment		Escalation	· · ·
		•••	Factor	· Ratio	Factor	
		L =	2.070 1.434 9.467	0.65 0.13 0.22	1.346 0.186 2.083	
PWR Escalation Fac	tor =				3.615	
Base Amount for PWR between 1200 MWt and 3400 MWt = (\$75m + 0.0088P) (P = power level in megawatts thermal = 2,689)						
(\$75 + 0.0088(2,689)	) million =				\$98,663,200	
Escalated Amount for unit = 98,663,200 x			3.615	=		\$356,667,468
Escalated Amount fo (65%) in the unit:	r Penn Power	<sup>.</sup> Company's own	ership interes	st		
\$356,667,468	x	65.0%	=	\$231,833,854	for December 2004	

## Schedule 2 Page 1 of 1

# NRC Decommissioning Funding Status Report Schedule of Annual Amounts Remaining to be Collected

# Beaver Valley 1

	Annual Amount		
	Ohio	Pennsylvania	FirstEnergy
Year	Edison	Power	Consolidated
2005	6,646,359	823,280	7,469,639
2006	83,092	8,280	91,372
2007	83,092	8,280	91,372
2008	83,092	8,280	91,372
2009	83,092	8,280	91,372
2010	83,092	8,280	91,372
2011	83,092	8,280	91,372
2012	83,092	8,280	91,372
2013	83,092	8,280	91,372
2014	83,092	8,280	91,372
2015	83,092	8,280	91,372
2016	6,924	690	7,614
2017	-	-	-
2018	-	-	-
2019	-	-	-
2020	-	-	-
2021	-	-	•
2022	-	-	<u> </u>
2023	-	-	-
2024		-	-
2025	-	-	-
2026	-	-	
2027	• .	-	-
2028	-	-	-
2029	· -	-	-
2030	-		-
2031	-	-	-
2032	-	-	-
2033	-	-	-
2034	-	-	-
2035	-	. •	-
Total	7,484,203	906,770	8,390,973

## AMENDMENT NUMBER TWO TO THE PENNSYLVANIA POWER COMPANY MASTER DECOMMISSIONING TRUST AGREEMENT FOR BEAVER VALLEY POWER STATION AND PERRY NUCLEAR POWER PLANT

This Amendment Number Two to the Pennsylvania Power Company Master Decommissioning Trust Agreement for Beaver Valley Power Station and Perry Nuclear Power Plant (the "Agreement") by and between Pennsylvania Power Company (the "Company") and Mellon Bank, N.A. (the "Trustee"), made this 9th day of December, 2003.

#### WITNESSETH:

WHEREAS, the Company entered into the Agreement to provide for the decommissioning of the Beaver Valley Power Station and the Perry Nuclear Power Plant Unit No. 1;

WHEREAS, Section 11.05 of the Agreement allows the Trustee and the Company to amend the Agreement;

WHEREAS, the parties wish to amend the Agreement.

NOW THEREFORE, the Trustee and the Company hereby amend the Agreement as follows:

1. The following Section 5.05 shall be added:

Notice Regarding Disbursements or Payments. Notwithstanding anything to the contrary in this Agreement, except for (i) payments of ordinary administrative costs (including taxes) and other incidental expenses of the Trust Fund (including legal, accounting, actuarial, trustee, and other incidental expenses) in connection with the operation of the Trust Fund, (ii) withdrawals being made under 10 CFR 50.82(a)(8), and (iii) transfers between Qualified and Nonqualified Funds in accordance with the provisions of this Agreement, no disbursement or payment may be made from the Trust Fund until written notice of the intention to make a disbursement or payment has been given to the Director, Office of Nuclear Reactor Regulation, or the Director, Office of Nuclear Material Safety and Safeguards, as applicable, at least 30 working days before the date of the intended disbursement or payment. The disbursement or payment from the Trust Fund, if it is otherwise in compliance with the terms and conditions of this Agreement, may be made following the 30-working day notice period if no written notice of objection from the Director, Office of Nuclear Reactor Regulation, or the Director, Office of Nuclear Material Safety and Safeguards, as applicable, is received by the Trustee or the Company within the notice period. The required notice may be made by the Trustee or on the Trustee's behalf. This Section 5.05 is intended to qualify each and every provision of this Trust Agreement allowing distributions from the Trust Fund, and in the event of any conflict between any such provision and this Section, this Section shall control.

2. The last sentence of Section 9.02 shall be restated as follows:

To the extent the Trustee advances funds to the Trust Fund for disbursements or to effect the settlement of purchase transactions, the Trustee shall be entitled to collect from the Trust Fund reasonable charges established under the Trustee's standard overdraft terms, conditions and procedures

3. The Company and the Trustee hereby each represent and warrant to the other that it has full authority to enter into this Amendment upon the terms and conditions hereof and that the individual executing this Amendment on its behalf has the requisite authority to bind the Company and the Trustee to this Amendment.

IN WITNESS WHEREOF, the parties hereto, each intending to be legally bound hereby, have hereunto set their hands and seals as of the day and year first above written.

PENNSYLVANIADPOWER COMPANY By:

Name: Donald C. Perrine Title: Manager, Investment Management

MELLON BANK, N.A.

Name: Title:

VICE PRESIDENT

## SECOND AMENDMENT TO THE OHIO EDISON COMPANY MASTER DECOMMISSIONING TRUST AGREEMENT FOR PERRY NUCLEAR POWER PLAN UNIT ONE, PERRY NUCLEAR POWER PLAN UNIT TWO, BEAVER VALLEY POWER STATION UNIT ONE AND BEAVER VALLEY POWER STATION UNIT TWO

THIS AMENDMENT, entered into on this 9th day of December, 2003, by and between OHIO EDISON COMPANY, an Ohio corporation (hereinafter referred to as the "Company"), and MELLON BANK, N.A. (hereinafter referred to as the "Trustee"),

## WITNESSETH

WHEREAS, the Company and the Trustee entered into a certain Master

Decommissioning Trust Agreement, as of July 1, 1993 ("the Agreement");

WHEREAS, the Company and the Trustee desire to amend the Agreement; and

WHEREAS, Section 11.05 of the Agreement provides that the Agreement may

be amended.

NOW, THEREFORE, the Company and the Trustee agree and mutually

consent to amend the Agreement in the following respects:

1. The following Section 5.05 shall be added:

Notice Regarding Disbursements or Payments. Notwithstanding anything to the contrary in this Agreement, except for (i) payments of ordinary administrative costs (including taxes) and other incidental expenses of the Trust Fund(including legal, accounting, actuarial, trustee, and other incidental expenses) in connection with the operation of the Trust Fund, (ii) withdrawals being made under 10 CFR 50.82(a)(8), and (iii) transfers between Qualified and Nonqualified Funds in accordance with the provisions of this Agreement, no disbursement or payment may be made from the Trust Fund until written notice of the intention to make a disbursement or payment has been given to the Director, Office of Nuclear Reactor Regulation, or the Director, Office of Nuclear Material Safety and Safeguards, as applicable, at least 30 working days before the date of the intended disbursement or payment. The disbursement or payment from the Trust Fund, if it is otherwise in compliance with the terms and

conditions of this Agreement, may be made following the 30-working day notice period if no written notice of objection from the Director, Office of Nuclear Reactor Regulation, or the Director, Office of Nuclear Material Safety and Safeguards, as applicable, is received by the Trustee or the Company within the notice period. The required notice may be made by the Trustee or on the Trustee's behalf. This Section 5.05 is intended to qualify each and every provision of this Trust Agreement allowing distributions from the Trust Fund, and in the event of any conflict between any such provision and this Section, this Section shall control.

## 2. The following shall be added to Section 7.07(a):

The Trustee shall not be responsible for any losses resulting from the deposit or maintenance of securities or other property (in accordance with market practice, custom, or regulation) with any recognized foreign clearing facility, book-entry system, centralized custodial depository, or similar organization. The Trustee shall not be responsible or liable for any losses or damages suffered by the Funds arising as a result of the insolvency of any custodian, subtrustee or subcustodian, except to the extent the Trustee was negligent in its selection or continued retention of such entity. Settlements of transactions may be effected in trading and processing practices customary in the jurisdiction or market where the transaction occurs. The Company acknowledges that this may, in certain circumstances, require the delivery of cash or securities (or other property) without the concurrent receipt of securities (or other property) or cash and, in such circumstances, the Company shall have sole responsibility for nonreceipt of payment (or late payment) by the counterparty.

#### 3. The following Section 9.11 shall be added:

The Trustee may take all action necessary to pay for, and settle, authorized transactions, including exercising the power to borrow or raise monies from the Trustee in its corporate capacity or an affiliate. To secure expenses and advances made to settle or pay for authorized transactions, including payment for securities and disbursements, the Company grants to the Trustee a first priority security interest in the Funds, all Property therein, all income, substitutions and proceeds, whether now owned or hereafter acquired (the "Collateral"); provided that the Company does not grant the Trustee a security interest in any securities issued by an affiliate of the Trustee (as defined in Section 23A of the Federal Reserve Act). The parties intend that as the securities intermediary with respect to the Collateral, the Trustee's security interest shall automatically be perfected when it attaches. To the extent the Trustee advances funds to the Funds for disbursements or to effect the settlement of purchase transactions, the Trustee shall be entitled to collect from the Funds reasonable charges established under the Trustee's standard overdraft terms, conditions and procedures.

4. The following Section 11.12 shall be added:

Notwithstanding anything in this Agreement to the contrary contained herein, the Trustee shall not be responsible or liable for its failure to perform under this Agreement or for any losses to the Account resulting from any event beyond the reasonable control of the Trustee, its agents or subcustodians. This provision shall survive the termination of this Agreement.

5. Each Party hereby represents and warrants to the others that it has full authority to enter into this Agreement upon the terms and conditions hereof and that the individual executing this Agreement on its behalf has the requisite authority to bind that Party.

IN WITNESS WHEREOF, the parties hereto, each intending to be legally bound hereby, have hereunto set their hands and seals as of the day and year first above written.

## OHIO EDISON COMPANY

Bv:

Name: Donald C. Perrine Title: Director, Investment Management

MELLON BANK. N.A.

Name: Title: VILE PRESIDENT

First Energy Ohio Edison