

**AECL NUCLEAR FUEL WASTE TRUST FUND**

**FINANCIAL STATEMENTS**

**DECEMBER 31, 2011**

# AECL NUCLEAR FUEL WASTE TRUST FUND

**Financial Statements**  
**December 31, 2011**

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## **INDEPENDENT AUDITOR'S REPORT**

### **To the Trustee of AECL NUCLEAR FUEL WASTE TRUST FUND**

#### **Report on the Financial Statements**

We have audited the accompanying financial statements of **AECL NUCLEAR FUEL WASTE TRUST FUND**, which comprise the balance sheet as at December 31, 2011, and the statements of income and capital and cash flows for the year then ended, and a summary of significant accounting policies and other explanatory information.

#### **Management's Responsibility for the Financial Statements**

Management is responsible for the preparation and fair presentation of these financial statements in accordance with Canadian generally accepted accounting principles, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

#### **Auditor's Responsibility**

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with Canadian generally accepted auditing standards. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

**Opinion**

In our opinion, the financial statements present fairly, in all material respects, the financial position of AECL NUCLEAR FUEL WASTE TRUST FUND as at December 31, 2011, and its financial performance and its cash flows for the year then ended in accordance with Canadian generally accepted accounting principles.

*Kwan Chan Law*

**Professional Corporation, Authorized to practise public accounting by  
The Institute of Chartered Accountants of Ontario**

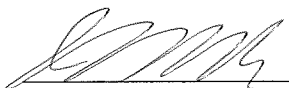
Toronto  
March 9, 2012

# AECL NUCLEAR FUEL WASTE TRUST FUND

## Balance Sheet December 31, 2011

	<u>2011</u>	<u>2010</u>
	\$	\$
<b>Assets</b>		
<b>Current</b>		
Cash and short term investment	367,094	102,953
Interest receivable	<u>202,760</u>	<u>207,164</u>
	<b>569,854</b>	<b>310,117</b>
<b>Fixed term securities (note 3)</b>	<b><u>37,454,319</u></b>	<b><u>32,875,617</u></b>
	<b><u>38,024,173</u></b>	<b><u>33,185,734</u></b>
<b>Liabilities</b>		
Accounts payable and accruals	25,796	21,501
<b>Capital</b>	<b><u>37,998,377</u></b>	<b><u>33,164,233</u></b>
	<b><u>38,024,173</u></b>	<b><u>33,185,734</u></b>

Approved by

 \_\_\_\_\_, Trustee  
Per CIBC Trust

# AECL NUCLEAR FUEL WASTE TRUST FUND

## Statement of Income and Capital Year Ended December 31, 2011

	<u>2011</u>	<u>2010</u>
	\$	\$
<b>Revenue</b>		
Interest income	1,311,682	1,250,446
Gain on disposal of fixed term securities	243,728	60,072
Unrealized gain on fixed term securities	<u>1,504,416</u>	<u>753,086</u>
	<b><u>3,059,826</u></b>	<b><u>2,063,604</u></b>
<b>Expenses</b>		
Professional fee	4,294	4,294
Trustee fee	<u>119,503</u>	<u>102,136</u>
	<b><u>123,797</u></b>	<b><u>106,430</u></b>
<b>Net income for the year</b>	<b>2,936,029</b>	<b>1,957,174</b>
Capital, beginning of year	33,164,233	29,388,247
Contribution	<u>1,898,115</u>	<u>1,818,812</u>
<b>Capital, end of year</b>	<b><u>37,998,377</u></b>	<b><u>33,164,233</u></b>

# AECL NUCLEAR FUEL WASTE TRUST FUND

## Statement of Cash Flows Year Ended December 31, 2011

	<u>2011</u>	<u>2010</u>
	\$	\$
<b>Operating Activities</b>		
Net income	2,936,029	1,957,174
Gain on disposal of fixed term securities	(243,728)	(60,072)
Unrealized gain on fixed term securities	(1,504,416)	(753,086)
Changes in other non-cash working capital components (1)	<u>8,699</u>	<u>(33,453)</u>
	<u><b>1,196,584</b></u>	<u><b>1,110,563</b></u>
<b>Investing Activities</b>		
Purchase of fixed-term securities	(14,569,697)	(12,238,634)
Disposal of fixed term securities	<u>11,739,139</u>	<u>9,160,742</u>
	<u><b>(2,830,558)</b></u>	<u><b>(3,077,892)</b></u>
<b>Financing Activities</b>		
Capital contribution	<u><b>1,898,115</b></u>	<u><b>1,818,812</b></u>
<b>Net increase (decrease) in cash and short term investment</b>	<b>264,141</b>	<b>(148,517)</b>
Cash and short term investment, beginning of year	<u>102,953</u>	<u>251,470</u>
<b>Cash and short term investment, end of year</b>	<u><b>367,094</b></u>	<u><b>102,953</b></u>
(1) Changes in other non-cash working capital components represented by:		
Interest receivable	4,404	(37,747)
Accounts payable and accruals	<u>4,295</u>	<u>4,294</u>
	<u><b>8,699</b></u>	<u><b>(33,453)</b></u>
<b>Additional Cash Flows Information</b>		
Interest received	<u><b>1,316,086</b></u>	<u><b>1,212,699</b></u>

(See Accompany Notes to Financial Statements)

# AECL NUCLEAR FUEL WASTE TRUST FUND

## Notes to Financial Statements Year Ended December 31, 2011

### 1. Description of Trust

The Nuclear Fuel Waste Act, an Act respecting the long-term management of nuclear fuel waste, came into force on November 15, 2002. Pursuant to the Act, the trust was settled by Atomic Energy of Canada Limited and the assets of the trust are held by CIBC Trust Corporation. Contributions to the trust were made in accordance with the provisions of the Act.

### 2. Summary of Significant Accounting Policies

(a) Use of estimates in the preparation of financial statements

The preparation of the financial statements of AECL Nuclear Fuel Waste Trust Fund requires the trustee to make estimates and assumptions, mainly concerning the valuation of items, which affect reported amount of assets, liabilities, net income and related disclosures. Actual results could differ from these estimates.

(b) Cash and short-term investment

Cash and short-term investment include cash on account and short-term investment with original maturities of three months or less. Cash and short-term investment are classified as held-for-trading and are carried at the fair value, which is the quoted market price.

(c) Fixed-term Securities

Fixed-term securities are classified as held-for-trading investments and are carried at the fair value, which is the quoted market price.

(d) Revenue Recognition

Interest earned on cash and short-term investment and fixed term securities is taken into income as it accrues, at the effective interest rates.

(e) Income Taxes

The trust has been exempted from filing income tax return, therefore no provision for income taxes have been recorded.

(f) Future Accounting Changes

The Canadian Institute of Chartered Accountants ("CICA") has announced a new accounting standards for Not-For-Profit Organization (Part III) for annual financial statements relating to fiscal years beginning on or after January 1, 2012. Not-For-Profit



# AECL NUCLEAR FUEL WASTE TRUST FUND

## Notes to Financial Statements Year Ended December 31, 2011

### 2. Summary of Significant Accounting Policies (cont'd ...)

organization may adopt the standards in Part I, International Financial Reporting Standards, instead of the standards in Part III. The trust has elected to adopt the standards in Part III for its annual financial standards commencing for the year ending December 31, 2012.

### 3. Fixed-term Securities

The amortized cost, term to maturity and market value of the fixed-term securities are as follows:

	2011			
	Within 1 year \$	1 to 5 years \$	Over 5 years \$	Market Value \$
Securities issued				
by Canada	714,700	4,427,683	-	5,206,869
by Provinces & municipality	505,650	6,001,688	14,931,537	23,696,088
Other debt securities	<u>992,740</u>	<u>5,290,323</u>	<u>2,040,428</u>	<u>8,551,362</u>
	<u>2,213,090</u>	<u>15,719,694</u>	<u>16,971,965</u>	<u>37,454,319</u>
	2010			
	Within 1 year \$	1 to 5 years \$	Over 5 years \$	Market Value \$
Securities issued				
by Canada	-	2,395,214	-	2,423,009
by Provinces & municipality	-	6,010,788	16,858,204	24,142,015
Other debt securities	<u>1,026,150</u>	<u>3,217,798</u>	<u>2,005,200</u>	<u>6,310,593</u>
	<u>1,026,150</u>	<u>11,623,800</u>	<u>18,863,404</u>	<u>32,875,617</u>

# AECL NUCLEAR FUEL WASTE TRUST FUND

## Notes to Financial Statements Year Ended December 31, 2011

### 4. Contribution

Contributions made by Atomic Energy of Canada Limited are as follows:

	\$
Initial contribution - November 25, 2002	10,000,000
Annual contribution :	
November 14, 2003	2,000,000
November 15, 2004	2,000,000
November 15, 2005	2,000,000
November 14, 2006	2,000,000
November 14, 2007	2,000,000
November 14, 2008	2,000,000
May 13, 2009	1,746,645
April 6, 2010	1,818,812
March 31, 2011	<u>1,898,115</u>
	<u>27,463,572</u>

### 5. Financial Instruments

(a) Fair value

The trust's financial instruments comprise of cash and short term investment, interest receivable, fixed term securities and accounts payable and accruals. These financial instruments are reported at their fair value. The fair value of cash, interest receivable and accounts payable and accruals are the same as the carrying values due to the short term nature. The book and fair values of fixed term securities are disclosed in note 3.

(b) Interest rate risk

The following tables give the detailed maturity dates and average effective rates of the on- and off-balance sheet instruments.

## AECL NUCLEAR FUEL WASTE TRUST FUND,

### Notes to Financial Statements Year Ended December 31, 2011

#### 5. Financial Instruments (cont'd..)

	Less than 3 months \$	Over 3 months to 1 year \$	Over 1 year to 5 years \$	Over 5 years \$	Non interest sensitive \$	Total \$
<b>Assets</b>						
Cash and short term investment and fixed term securities	359,644	2,205,927	16,371,788	18,876,604	7,450	37,821,413
Rate	0.75%	3.54%	3.28%	4.27%	-%	-%
Interest receivable					202,760	202,760
Rate				-%	-%	-%
<b>Liabilities</b>						
Accounts payable					25,796	25,796
Rate					-%	-%

(c) Currency risk

The trust fund only invests in Canadian dollar denominated instruments to avoid taking in currency risk in the portfolio.

#### 6. Capital Management

The Trustee invested the Trust Fund consistent with the Policy Statement of the Trust Indenture. The primary investment objective of this Policy Statement is to preserve the capital of the Trust Fund for the benefit of future policy decisions made by the Nuclear Waste Management Organization as determined from time to time.

The second investment objective is to earn the highest (net of all costs) rate of return on the assets without taking excess risks.

In general the portfolio will follow a conservative "buy and hold" trading philosophy. The trustee, however, is permitted to exercise their professional judgement and make changes in their sole discretion as necessary to achieve the objectives of the portfolio.

The investment time horizon is dependent on the policy decisions of the Nuclear Waste Management Organization and any relevant legislation changes. While these policy decisions continue to evolve, the current view is that investment time horizon for the Trust is expected to be long term as the actual underlying waste management activities are expected to occur between 2025 and 2030.

# AECL NUCLEAR FUEL WASTE TRUST FUND,

## Notes to Financial Statements Year Ended December 31, 2011

### 6. Capital Management (Cont'd...)

As the purposes of the Trust is to fund the policy decisions of the Nuclear Waste Management Organization when called upon, there must be sufficient liquidity in the portfolio to meet these needs. Atomic Energy of Canada Limited will keep the trustee informed of potential cash flows as information becomes available in order to avoid distressed liquidation of portfolio positions.

Atomic Energy of Canada Limited is constrained by Financial Administration Act ("FAA") on ownership of shares and by Department of Finance regulations on the quality of issuers' securities.

In order to achieve the investment objectives at an acceptable level of risk and within the FAA and Department of Finance's guidelines, the following policy asset allocation ranges and strategic benchmarks have been established.

<u>Asset Mix</u>	<u>Strategic Benchmark</u>	<u>Permissible Range</u>		<u>Maturity Limit</u>
		<u>Minimum</u>	<u>Maximum</u>	
Cash and Money Market	10 %	- %	40 %	12 months
Fixed Income Instruments				
Canadian - Government	75 %	50 %	100 %	Not exceeding 2025
Guaranteed				
Corporate Issues	15 %	- %	50 %	Not exceeding 2025
Total portfolio	100 %			

The Trustee is permitted to set and vary the asset mix depending upon the current economic and market conditions as well as the Trustee's outlook, provided that the asset mix remains within the permissible ranges set out above. The Trustee should periodically rebalance the portfolio in order to compensate for asset allocation shifts arising from differences in rates of return and changes in market prices on the individual securities and different asset classes.

#### Type of investments and risk management

##### a) Cash and Short Term Investments

Cash and short term investments include any instruments in the Fixed Income Investments section that mature in one year or less.

Cash and short-term investments must be rated R-1 or better.

Sample Investments include:

- Demand or term deposits
- Bankers acceptances
- Treasury bills
- Commercial paper

# AECL NUCLEAR FUEL WASTE TRUST FUND,

## Notes to Financial Statements Year Ended December 31, 2011

### 6. Capital Management (cont'd...)

For asset mix calculation purposes Short Term Investments will include Fixed Income Investments below, maturing in one year or less.

b) Fixed Income Investments

Permitted fixed income investments are financial instruments have a maturity profile in excess of 1 year and include the following:

- Notes, bonds and debentures
- Strip Bonds - Residuals and Coupons
- Mortgage and asset backed securities

c) Maximum Term

All fixed income instruments shall have a term to maturity not exceeding 2025.

d) Concentration

Except for Government of Canada, Provincial government or other Government guaranteed issue, no single issuer may constitute more than 10% of the total portfolio.

All instruments must be rated by two of the following rating services: Dominion Bond Rating Service (DBRS), Standard & Poors (S&P) or Moody's

All instruments must meet or exceed the following minimal credit quality at time of purchase and during the holding period. Instruments held which are downgraded below the minimum levels listed below must be liquidated on learning of the downgrade.

<u>Rating Agency</u>	<u>Commercial Paper and Short term Debt</u>	<u>Bonds and Long Term Debt</u>
Dominion Bond Rating Services (DBRS)	R-1 (Low)	AA (Low)
Standard and Poors (S&P)	A-1 (mid)	AA-
Moody's	P1	Aa3

The Portfolio will be benchmarked using the widely published PC bond Indices. Adjustments to the benchmark are allowed to reflect the unique limiting constraints of the Trust as set out in this Investment Policy Statement.