## 106TH CONGRESS 1ST SESSION H.R.657

To reduce acid deposition under the Clean Air Act, and for other purposes.

#### IN THE HOUSE OF REPRESENTATIVES

FEBRUARY 9, 1999

Mr. SWEENEY (for himself, Mr. MCHUGH, Mr. WALSH, Mr. TOWNS, Mr. MCNULTY, Mr. LAZIO, Mr. NADLER, Mr. HINCHEY, Mr. LAFALCE, Mr. HOUGHTON, Mr. ACKERMAN, Mrs. LOWEY, and Mrs. MALONEY of New York) introduced the following bill; which was referred to the Committee on Commerce

# A BILL

### To reduce acid deposition under the Clean Air Act, and for other purposes.

- 1 Be it enacted by the Senate and House of Representa-
- 2 tives of the United States of America in Congress assembled,

#### **3** SECTION 1. SHORT TITLE.

4 This Act may be cited as the "Acid Deposition Con-

5 trol Act".

#### 6 SEC. 2. FINDINGS AND PURPOSES.

- 7 (a) FINDINGS.—Congress finds that—
- 8 (1) reductions of atmospheric nitrogen oxide9 and sulfur dioxide from utility plants, in addition to

1	the reductions required under the Clean Air Act (42 $$
2	U.S.C. 7401 et seq.), are needed to reduce acid dep-
3	osition and its serious adverse effects on public
4	health, natural resources, building structures, sen-
5	sitive ecosystems, and visibility;
6	(2) nitrogen oxide and sulfur dioxide contribute
7	to the development of fine particulates, suspected of
8	causing human mortality and morbidity to a signifi-
9	cant extent;
10	(3) regional nitrogen oxide reductions of $50$
11	percent in the Eastern United States, in addition to
12	the reductions required under the Clean Air Act,
13	may be necessary to protect sensitive watersheds
14	from the effects of nitrogen deposition;
15	(4) without reductions in nitrogen oxide and
16	sulfur dioxide, the number of acidic lakes in the Adi-
17	rondacks in the State of New York is expected to in-
18	crease by up to 40 percent by 2040; and
19	(5) nitrogen oxide is highly mobile and can lead
20	to ozone formation hundreds of miles from the emit-
21	ting source.
22	(b) PURPOSES.—The purposes of this Act are—
23	(1) to recognize the current scientific under-
24	standing that emissions of nitrogen oxide and sulfur
25	dioxide, and the acid deposition resulting from emis-

1	sions of nitrogen oxide and sulfur dioxide, present a
2	substantial human health and environmental risk;
3	(2) to require reductions in nitrogen oxide and
4	sulfur dioxide emissions;
5	(3) to support the efforts of the Ozone Trans-
6	port Assessment Group to reduce ozone pollution;
7	(4) to reduce utility emissions of nitrogen oxide
8	by 70 percent from 1990 levels; and
9	(5) to reduce utility emissions of sulfur dioxide
10	by 50 percent after the implementation of phase $II$
11	sulfur dioxide requirements under section 405 of the
12	Clean Air Act (42 U.S.C. 7651d).
13	SEC. 3. DEFINITIONS.
	<b>SEC. 3. DEFINITIONS.</b> In this Act:
13	
13 14	In this Act:
13 14 15	In this Act: (1) Administrator.—The term "Adminis-
13 14 15 16	In this Act: (1) ADMINISTRATOR.—The term "Adminis- trator" means the Administrator of the Environ-
13 14 15 16 17	In this Act: (1) ADMINISTRATOR.—The term "Adminis- trator" means the Administrator of the Environ- mental Protection Agency.
<ol> <li>13</li> <li>14</li> <li>15</li> <li>16</li> <li>17</li> <li>18</li> </ol>	In this Act: (1) ADMINISTRATOR.—The term "Adminis- trator" means the Administrator of the Environ- mental Protection Agency. (2) AFFECTED FACILITY.—The term "affected
<ol> <li>13</li> <li>14</li> <li>15</li> <li>16</li> <li>17</li> <li>18</li> <li>19</li> </ol>	<ul> <li>In this Act:</li> <li>(1) ADMINISTRATOR.—The term "Administrator" means the Administrator of the Environmental Protection Agency.</li> <li>(2) AFFECTED FACILITY.—The term "affected facility" means a facility with 1 or more combustion</li> </ul>
<ol> <li>13</li> <li>14</li> <li>15</li> <li>16</li> <li>17</li> <li>18</li> <li>19</li> <li>20</li> </ol>	<ul> <li>In this Act:</li> <li>(1) ADMINISTRATOR.—The term "Administrator" means the Administrator of the Environmental Protection Agency.</li> <li>(2) AFFECTED FACILITY.—The term "affected facility" means a facility with 1 or more combustion units that serve at least 1 electricity generator with</li> </ul>
<ol> <li>13</li> <li>14</li> <li>15</li> <li>16</li> <li>17</li> <li>18</li> <li>19</li> <li>20</li> <li>21</li> </ol>	<ul> <li>In this Act:</li> <li>(1) ADMINISTRATOR.—The term "Administrator" means the Administrator of the Environmental Protection Agency.</li> <li>(2) AFFECTED FACILITY.—The term "affected facility" means a facility with 1 or more combustion units that serve at least 1 electricity generator with a capacity equal to or greater than 25 megawatts.</li> </ul>

1	(A) 1 ton of nitrogen oxide during each of
2	the months of October, November, December,
3	January, February, March, and April of any
4	year; and
5	(B) $\frac{1}{2}$ ton of nitrogen oxide during each of
6	the months of May, June, July, August, and
7	September of any year.
8	(4) MMBTU.—The term "mmBtu" means 1
9	million British thermal units.
10	(5) PROGRAM.—The term "Program" means
11	the Nitrogen Oxide Allowance Program established
12	under section 4.
13	(6) STATE.—The term "State" means the 48
14	contiguous States and the District of Columbia.
15	SEC. 4. NITROGEN OXIDE ALLOWANCE PROGRAM.
16	(a) IN GENERAL.—
17	(1) ESTABLISHMENT.—Not later than 18
18	months after the date of enactment of this Act, the
19	Administrator shall establish a program to be known
20	as the "Nitrogen Oxide Allowance Program".
21	(2) Scope.—The Program shall be conducted
22	in the 48 contiguous States and the District of Co-
23	lumbia.
24	(3) $NO_x$ Allowances.—The Administrator
25	shall allocate under paragraph (4)—

1	(A) for each of calendar years 2002
2	through 2004, 5,400,000 $NO_x$ allowances; and
3	(B) for calendar year 2005 and each cal-
4	endar year thereafter, 3,000,000 $\mathrm{NO}_{\mathbf{x}}$ allow-
5	ances.
6	(4) Allocation.—
7	(A) DEFINITION OF TOTAL ELECTRIC
8	POWER.—For purposes of this paragraph, the
9	term "total electric power" means all electric
10	power generated by utility and nonutility gen-
11	erators for distribution, including electricity
12	generated from solar wind, hydro power, nu-
13	clear power, and the combustion of fossil fuel.
14	(B) Allocation of allowances.—The
15	Administrator shall allocate annual $NO_x$ allow-
16	ances to each of the States in proportion to the
17	State's share of the total electric power gen-
18	erated in the 48 contiguous States and the Dis-
19	trict of Columbia.
20	(C) PUBLICATION.—The Administrator
21	shall publish in the Federal Register a list of
22	each State's NO <sub>x</sub> allowance allocation—
23	(i) by December 1, 2000, for calendar
24	years 2002 and 2004;

1 (ii) by December 1, 2002, for calendar 2 years 2005 through 2012; and 3 (iii) by December 1 of each calendar 4 year after 2002, for the calendar year 5 5 years previous. 6 (5) INTRASTATE DISTRIBUTION.— 7 (A) IN GENERAL.—A State may submit a 8 report to the Administrator detailing the dis-9 tribution of  $NO_x$  allowances of the State to af-10 fected facilities in the State— 11 (i) not later than September 30, 12 2001, for calendar years 2002 through 2004; 13 14 (ii) not later than September 30, 15 2003, for calendar years 2005 through 16 2012; and 17 (iii) not later than September 30 of 18 each calendar year after 2003, for the cal-19 endar year 5 years previous. 20 (B) ACTION BY THE ADMINISTRATOR.—If 21 a State submits a report under subparagraph 22 (A) not later than September 30 of the calendar 23 year specified in subparagraph (A), the Admin-

istrator shall distribute the  $NO_x$  allowances to

1	affected facilities in the State as detailed in the
2	report.
3	(C) LATE SUBMISSION OF REPORT.—A re-
4	port submitted by a State after September 30
5	of the specified year shall have no force or ef-
6	fect.
7	(D) DISTRIBUTION IN ABSENCE OF A RE-
8	PORT.—
9	(i) IN GENERAL.—Subject to sub-
10	section (e), if a State does not submit a re-
11	port under subparagraph (A) not later
12	than September 30 of the calendar year
13	specified in subparagraph (A), the Admin-
14	istrator shall, not later than November 30
15	of that calendar year, distribute the $\mathrm{NO}_{\mathbf{x}}$
16	allowances for the calendar years specified
17	in subparagraph (A) to each affected facil-
18	ity in the State in proportion to the af-
19	fected facility's share of the total net elec-
20	tric power generated in the State.
21	(ii) DETERMINATION OF FACILITY'S
22	SHARE.—In determining an affected facili-
23	ty's share of total net electric power gen-
24	erated in a State, the Administrator shall

1	consider the net electric power generated
2	by the facility and the State to be—
3	(I) for calendar years 2002
4	through 2004, the average annual
5	amount of net electric power gen-
6	erated, by the facility and the State,
7	respectively, in calendar years 1997
8	through 1999;
9	(II) for calendar years 2005
10	through 2012, the average annual
11	amount of net electric power gen-
12	erated, by the facility and the State,
13	respectively, in calendar years 1999
14	through 2001; and
15	(III) for calendar year 2013 and
16	each calendar year thereafter, the
17	amount of net electric power gen-
18	erated, by the facility and the State,
19	respectively, in the calendar year 5
20	years previous to the year for which
21	the determination is made.
22	(E) JUDICIAL REVIEW.—A distribution of
23	$NO_x$ allowances by the Administrator under
24	subparagraph (D) shall not be subject to judi-
25	cial review.

(b) NO<sub>x</sub> Allowance Transfer System.—

2	(1) IN GENERAL.—Not later than 18 months
3	after the date of enactment of this Act, the Adminis-
4	trator shall promulgate $\mathrm{NO}_{\mathbf{x}}$ allowance system regu-
5	lations under which a $\mathrm{NO}_{\mathbf{x}}$ allowance allocated under
6	this Act may be transferred among affected facilities
7	and any other person.
8	(2) ESTABLISHMENT.—The regulations shall
9	establish the $\mathrm{NO}_{\mathbf{x}}$ allowance system under this sec-
10	tion, including requirements for the allocation,
11	transfer, and use of $\mathrm{NO}_{\mathbf{x}}$ allowances under this Act.
12	(3) Use of $NO_x$ allowances.—The regula-
13	tions shall—
14	(A) prohibit the use (but not the transfer
	(A) prohibit the use (but not the transfer in accordance with paragraph (5)) of any $NO_x$
14	_
14 15	in accordance with paragraph (5)) of any $NO_x$
14 15 16	in accordance with paragraph (5)) of any $NO_x$ allowance before the calendar year for which
14 15 16 17	in accordance with paragraph (5)) of any $NO_x$ allowance before the calendar year for which the $NO_x$ allowance is allocated; and
14 15 16 17 18	in accordance with paragraph (5)) of any $NO_x$ allowance before the calendar year for which the $NO_x$ allowance is allocated; and (B) provide that the unused $NO_x$ allow-
14 15 16 17 18 19	in accordance with paragraph (5)) of any $NO_x$ allowance before the calendar year for which the $NO_x$ allowance is allocated; and (B) provide that the unused $NO_x$ allow- ances shall be carried forward and added to
14 15 16 17 18 19 20	in accordance with paragraph (5)) of any $NO_x$ allowance before the calendar year for which the $NO_x$ allowance is allocated; and (B) provide that the unused $NO_x$ allow- ances shall be carried forward and added to $NO_x$ allowances allocated for subsequent years.
14 15 16 17 18 19 20 21	<ul> <li>in accordance with paragraph (5)) of any NO<sub>x</sub></li> <li>allowance before the calendar year for which</li> <li>the NO<sub>x</sub> allowance is allocated; and</li> <li>(B) provide that the unused NO<sub>x</sub> allow-</li> <li>ances shall be carried forward and added to</li> <li>NO<sub>x</sub> allowances allocated for subsequent years.</li> <li>(4) CERTIFICATION OF TRANSFER.—A transfer</li> </ul>
14 15 16 17 18 19 20 21 22	<ul> <li>in accordance with paragraph (5)) of any NO<sub>x</sub> allowance before the calendar year for which the NO<sub>x</sub> allowance is allocated; and</li> <li>(B) provide that the unused NO<sub>x</sub> allowances shall be carried forward and added to NO<sub>x</sub> allowances allocated for subsequent years.</li> <li>(4) CERTIFICATION OF TRANSFER.—A transfer of a NO<sub>x</sub> allowance shall not be effective until a</li> </ul>

1 (c)  $NO_x$  ALLOWANCE TRACKING SYSTEM.—Not later 2 than 18 months after the date of enactment of this Act, 3 the Administrator shall promulgate regulations for 4 issuing, recording, and tracking the use and transfer of 5  $NO_x$  allowances that shall specify all necessary procedures 6 and requirements for an orderly and competitive function-7 ing of the  $NO_x$  allowance system.

8 (d) PERMIT REQUIREMENTS.—A NO<sub>x</sub> allowance allo-9 cation or transfer shall, on recordation by the Adminis-10 trator, be considered to be a part of each affected facility's 11 operating permit requirements, without the requirement 12 for any further permit review and revision.

13 (e) NEW SOURCE RESERVE.—

(1) IN GENERAL.—For a State for which the
Administrator distributes NO<sub>x</sub> allowances under
subsection (a)(5)(D), the Administrator shall place
10 percent of the total annual NO<sub>x</sub> allowances of the
State in a new source reserve to be distributed by
the Administrator—

20 (A) for calendar years 2002 through 2005,
21 to sources that commence operation after 1997;
22 (B) for calendar years 2006 through 2011,
23 to sources that commence operation after 1999;
24 and

1	(C) for calendar year 2012 and each cal-
2	endar year thereafter, to sources that com-
3	mence operation after the calendar year that is
4	5 years previous to the year for which the dis-
5	tribution is made.
6	(2) Share.—For a State for which the Admin-
7	is trator distributes $\mathrm{NO}_{\mathbf{x}}$ allowances under subsection
8	(a)(5)(D), the Administrator shall distribute to each
9	new source a number of $\mathrm{NO}_{\mathbf{x}}$ allowances sufficient to
10	allow emissions by the source at a rate equal to the
11	lesser of the new source performance standard or
12	the permitted level for the full nameplate capacity of
13	the source, adjusted pro rata for the number of
14	months of the year during which the source oper-
15	ates.
16	(3) UNUSED NO <sub>x</sub> ALLOWANCES.—
17	(A) IN GENERAL.—During the period of
18	calendar years 2002 through 2007, the Admin-
19	is trator shall conduct auctions at which a $\mathrm{NO}_{\mathbf{x}}$
20	allowance remaining in the new source reserve
21	that has not been distributed under paragraph
22	(2) shall be offered for sale.
23	(B) OPEN AUCTIONS.—An auction under
24	subparagraph (A) shall be open to any person.
25	(C) CONDUCT OF AUCTION.—

1	(i) Method of Bidding.—A person
2	wishing to bid for a $NO_x$ allowance at an
3	auction under subparagraph (A) shall sub-
4	mit (by a date set by the Administrator) to
5	the Administrator (on a sealed bid sched-
6	ule provided by the Administrator) an offer
7	to purchase a specified number of $\mathrm{NO}_{\mathbf{x}}$ al-
8	lowances at a specified price.
9	(ii) SALE BASED ON BID PRICE.—A
10	$\mathrm{NO}_{\mathbf{x}}$ allowance auctioned under subpara-
11	graph (A) shall be sold on the basis of bid
12	price, starting with the highest priced bid
13	and continuing until all $NO_x$ allowances
14	for sale at the auction have been sold.
15	(iii) NO MINIMUM PRICE.—A mini-
16	mum price shall not be set for the pur-
17	chase of a $\mathrm{NO}_{\mathbf{x}}$ allowance auctioned under
18	subparagraph (A).
19	(iv) REGULATIONS.—The Adminis-
20	trator, in consultation with the Secretary
21	of the Treasury, shall promulgate regula-
22	tions to carry out this paragraph.
23	(D) Use of NO <sub>x</sub> allowances.—A $NO_x$
24	allowance purchased at an auction under sub-
25	paragraph (A) may be used for any purpose

1	and at and at any time after the auction that
2	is permitted for use of a $\mathrm{NO}_{\mathbf{x}}$ allowance under
3	this Act.
4	(E) PROCEEDS OF AUCTION.—The pro-
5	ceeds from an auction under this paragraph
6	shall be distributed to the owner of an affected
7	source in proportion to the number of allow-
8	ances that the owner would have received but
9	for this subsection.
10	(f) NATURE OF NO <sub>x</sub> Allowances.—
11	(1) Not a property right.—A $NO_x$ allow-
12	ance shall not be considered to be a property right.
13	(2) LIMITATION OF NO <sub>x</sub> Allowances.—Not-
14	withstanding any other provision of law, the Admin-
15	istrator may terminate or limit a $NO_x$ allowance.
16	(g) Prohibitions.—
17	(1) IN GENERAL.—After January 1, 2002, it
18	shall be unlawful—
19	(A) for the owner or operator of an af-
20	fected facility to operate the affected facility in
21	such a manner that the affected facility emits
22	nitrogen oxides in excess of the amount per-
23	mitted by the quantity of $NO_x$ allowances held
24	by the designated representative of the affected
25	facility; or

1	(B) for any person to hold, use, or transfer
2	a $NO_x$ allowance allocated under this Act, ex-
3	cept as provided under this Act.
4	(2) OTHER EMISSION LIMITATIONS.—Section
5	407 of the Clean Air Act (42 U.S.C. 7651f) is re-
6	pealed.
7	(3) Time of use.—A $NO_x$ allowance may not
8	be used before the calendar year for which the $\mathrm{NO}_{\mathbf{x}}$
9	allowance is allocated.
10	(4) PERMITTING, MONITORING, AND ENFORCE-
11	MENT.—Nothing in this section affects—
12	(A) the permitting, monitoring, and en-
13	forcement obligations of the Administrator
14	under the Clean Air Act (42 U.S.C. 7401 et
15	seq.); or
16	(B) the requirements and liabilities of an
17	affected facility under the Clean Air Act $(42)$
18	U.S.C. 7401 et seq.).
19	(h) SAVINGS PROVISIONS.—Nothing in this section—
20	(1) affects the application of, or compliance
21	with, the Clean Air Act (42 U.S.C. 7401 et seq.) for
22	an affected facility, including the provisions related
23	to applicable national ambient air quality standards
24	and State implementation plans;

(2) requires a change in, affects, or limits any
 State law regulating electric utility rates or charges,
 including prudency review under State law;

4 (3) affects the application of the Federal Power
5 Act (16 U.S.C. 791a et seq.) or the authority of the
6 Federal Energy Regulatory Commission under that
7 Act; or

8 (4) interferes with or impairs any program for
9 competitive bidding for power supply in a State in
10 which the Program is established.

#### 11 SEC. 5. INDUSTRIAL SOURCE MONITORING.

12 Section 412(a) of the Clean Air Act (42 U.S.C. 13 7651k(a)) is amended in the first sentence by inserting 14 ", or of any industrial facility with a capacity of 100 or 15 more mmBtu's per hour," after "The owner and operator 16 of any source subject to this title".

#### 17 SEC. 6. EXCESS EMISSIONS PENALTY.

18 (a) IN GENERAL.—

19 (1) LIABILITY.—The owner or operator of an 20 affected facility that emits nitrogen oxides in any 21 calendar year in excess of the  $NO_x$  allowances the 22 owner or operator holds for use for the facility for 23 that year shall be liable for the payment of an excess 24 emissions penalty.

1	(2) CALCULATION.—The excess emissions pen-
2	alty shall be calculated by multiplying \$12,000 by
3	the quantity that is equal to—
4	(A) the quantity of $NO_x$ allowances that
5	would authorize the nitrogen oxides emitted by
6	the facility for the calendar year; minus
7	(B) the quantity of $NO_x$ allowances that
8	the owner or operator holds for use for the fa-
9	cility for that year.
10	(3) OVERLAPPING PENALTIES.—A penalty
11	under this section shall not diminish the liability of
12	the owner or operator of an affected facility for any
13	fine, penalty, or assessment against the owner or op-
14	erator for the same violation under any other provi-
15	sion of law.
16	(b) Excess Emissions Offset.—
17	(1) IN GENERAL.—The owner or operator of an
18	affected facility that emits nitrogen oxide during a
19	calendar year in excess of the $NO_x$ allowances held
20	for the facility for the calendar year shall offset in
21	the following calendar year a quantity of $\mathrm{NO}_{\mathbf{x}}$ allow-
22	ances equal to twice the number of $\mathrm{NO}_{\mathbf{x}}$ allowances
23	that would authorize the excess nitrogen oxides emit-
24	ted.

1	(2) PROPOSED PLAN.—Not later than 60 days
2	after the end of the year in which excess emissions
3	occur, the owner or operator of an affected facility
4	shall submit to the Administrator and the State in
5	which the affected facility is located a proposed plan
6	to achieve the offset required under paragraph $(1)$ .
7	(3) Condition of permit.—On approval of
8	the proposed plan by the Administrator, as submit-
9	ted, modified, or conditioned by the Administrator,
10	the plan shall be considered a condition of the oper-
11	ating permit for the affected facility without further
12	review or revision of the permit.
13	(c) PENALTY ADJUSTMENT.—The Administrator
14	shall annually adjust the penalty specified in subsection
15	(a) to reflect changes in the Consumer Price Index for
16	all urban consumers published by the Bureau of Labor
17	Statistics.
18	SEC. 7. SULFUR DIOXIDE ALLOWANCE PROGRAM REVI-
19	SIONS.
20	Section $402(3)$ of the Clean Air Act (as added by sec-
21	tion 401 of Public Law 101–549 (104 Stat. 2584)) (42
22	U.S.C. 7651a(3)) is amended by inserting before the pe-

24 calendar years through 2004, and  $\frac{1}{2}$  ton of sulfur dioxide

23 riod at the end the following: "for allowances allocated for

for allowances allocated for calendar year 2005 and each
 calendar year thereafter.".

#### 3 SEC. 8. REGIONAL ECOSYSTEMS.

4 (a) Report.—

(1) IN GENERAL.—Not later than December 31, 5 6 2004, the Administrator shall submit to Congress a 7 report identifying objectives for scientifically credible 8 environmental indicators, as determined by the Ad-9 ministrator, that are sufficient to protect sensitive 10 ecosystems of the Adirondack Mountains, Mid-Appa-11 lachian Mountains, and Southern Blue Ridge Moun-12 tains and water bodies of the Great Lakes, Lake 13 Champlain, Long Island Sound, and the Chesapeake 14 Bay.

15 (2) ACID NEUTRALIZING CAPACITY.—The re16 port under paragraph (1) shall—

17 (A) include acid neutralizing capacity as18 an indicator; and

(B) identify as an objective under paragraph (1) the objective to increase the proportion of water bodies in sensitive receptor areas
with an acid neutralizing capacity greater than
zero from the proportion identified in surveys
begun in 1984.

1	(3) UPDATED REPORT.—Not later than Decem-
2	ber 31, 2008, the Administrator shall submit to
3	Congress a report updating the report under para-
4	graph (1) and assessing the status and trends of
5	various environmental indicators for the regional
6	ecosystems referred to in paragraph (1).
7	(4) Reports under the national acid pre-
8	CIPITATION ASSESSMENT PROGRAM.—The reports
9	under this subsection shall satisfy the report require-
10	ments set forth in section $103(j)(3)(E)$ of the Clean
11	Air Act $(42$ U.S.C. $7403(j)(3)(E))$ for the years
12	2004 and 2008.
13	(b) REGULATIONS.—
14	(1) DETERMINATION.—Not later than Decem-
15	ber 31, 2008, the Administrator shall determine
16	whether emissions reductions under section 4 are
17	sufficient to ensure achievement of the objectives
18	identified in subsection $(a)(1)$ .
19	(2) PROMULGATION.—If the Administrator de-
20	termines under paragraph (1) that emissions reduc-
21	tions under section 4 are not sufficient to ensure
22	achievement of the objectives identified in subsection
23	(a)(1), the Administrator shall promulgate, not later
24	than 2 years after making the finding, such regula-
25	tions, including modification of nitrogen oxide and

sulfur dioxide allowance allocations or any such
 measure, as the Administrator determines are nec essary to protect the sensitive ecosystems described
 in subsection (a)(1).

#### 5 SEC. 9. GENERAL COMPLIANCE WITH OTHER PROVISIONS.

6 Except as expressly provided in this Act, compliance
7 with this Act shall not exempt or exclude the owner or
8 operator of an affected facility from compliance with any
9 other law.

#### 10 SEC. 10. MERCURY EMISSION STUDY AND CONTROL.

11 (a) STUDY AND REPORT.—The Administrator12 shall—

(1) study the practicality of monitoring mercury
emissions from all combustion units that have a capacity equal to or greater than 250 mmBtu's per
hour; and

17 (2) not later than 2 years after the date of en18 actment of this Act, submit to Congress a report on
19 the results of the study.

(b) REGULATIONS CONCERNING MONITORING.—Not
later than 1 year after the date of submission of the report
under subsection (a), the Administrator shall promulgate
regulations requiring the reporting of mercury emissions
from units that have a capacity equal to or greater than
250 mmBtu's per hour.

1 (c) Emission Controls.—

2 (1) IN GENERAL.—Not later than 1 year after
3 the commencement of monitoring activities under
4 subsection (b), the Administrator shall promulgate
5 regulations controlling electric utility and industrial
6 source emissions of mercury.

7 (2) FACTORS.—The regulations shall take into
8 account technological feasibility, cost, and the pro9 jected levels of mercury emissions that will result
10 from implementation of this Act.

# SEC. 11. DEPOSITION RESEARCH BY THE ENVIRONMENTAL PROTECTION AGENCY.

(a) IN GENERAL.—The Administrator shall establish
a competitive grant program to fund research related to
the effects of nitrogen deposition on sensitive watersheds
and coastal estuaries in the Eastern United States.

17 (b) CHEMISTRY OF LAKES AND STREAMS.—Not later than September 30, 2001, and September 30, 2008, the 18 19 Administrator shall submit to the Committee on Environment and Public Works of the Senate and the Committee 20 21 on Resources of the House of Representatives a report on 22 the health and chemistry of lakes and streams of the Adi-23 rondacks that were subjects of the report transmitted 24 under section 404 of Public Law 101–549 (commonly known as the "Clean Air Act Amendments of 1990") (104
 Stat. 2632).

3 (c) AUTHORIZATION OF APPROPRIATIONS.—There4 are authorized to be appropriated—

5 (1) to carry out subsection (a), \$1,000,000 for
6 each of fiscal years 2000 through 2005; and

7 (2) to carry out subsection (b), \$1,000,000 for
8 each of fiscal years 2000, 2001, 2007, and 2008.

 $<sup>\</sup>bigcirc$