

out through such Office a full and complete investigation and study of noise and its effect on the public health and welfare in order to (1) identify and classify causes and sources of noise, and (2) determine—

- (A) effects at various levels;
- (B) projected growth of noise levels in urban areas through the year 2000;
- (C) the psychological and physiological effect on humans;
- (D) effects of sporadic extreme noise (such as jet noise near airports) as compared with constant noise;
- (E) effect on wildlife and property (including values);
- (F) effect of sonic booms on property (including values); and
- (G) such other matters as may be of interest in the public welfare.

**(b) Investigation techniques; report and recommendations**

In conducting such investigation, the Administrator shall hold public hearings, conduct research, experiments, demonstrations, and studies. The Administrator shall report the results of such investigation and study, together with his recommendations for legislation or other action, to the President and the Congress not later than one year after December 31, 1970.

**(c) Abatement of noise from Federal activities**

In any case where any Federal department or agency is carrying out or sponsoring any activity resulting in noise which the Administrator determines amounts to a public nuisance or is otherwise objectionable, such department or agency shall consult with the Administrator to determine possible means of abating such noise.

(July 14, 1955, ch. 360, title IV, § 402, as added Pub. L. 91-604, § 14, Dec. 31, 1970, 84 Stat. 1709.)

**CODIFICATION**

Another section 402 of act July 14, 1955, as added by Pub. L. 101-549, title IV, § 401, Nov. 15, 1990, 104 Stat. 2585, is classified to section 7651a of this title.

Section was formerly classified to section 1858 of this title.

**§ 7642. Authorization of appropriations**

There is authorized to be appropriated such amount, not to exceed \$30,000,000, as may be necessary for the purposes of this subchapter.

(July 14, 1955, ch. 360, title IV, § 403, as added Pub. L. 91-604, § 14, Dec. 31, 1970, 84 Stat. 1710.)

**CODIFICATION**

Another section 403 of act July 14, 1955, as added by Pub. L. 101-549, title IV, § 401, Nov. 15, 1990, 104 Stat. 2589, is classified to section 7651b of this title.

Section was formerly classified to section 1858a of this title.

**SUBCHAPTER IV—ACID DEPOSITION CONTROL**

**CODIFICATION**

Another title IV of act July 14, 1955, as added by Pub. L. 91-604, § 14, Dec. 31, 1970, 84 Stat. 1709, is classified principally to subchapter IV (§ 7641 et seq.) of this chapter.

**§ 7651. Findings and purposes**

**(a) Findings**

The Congress finds that—

(1) the presence of acidic compounds and their precursors in the atmosphere and in deposition from the atmosphere represents a threat to natural resources, ecosystems, materials, visibility, and public health;

(2) the principal sources of the acidic compounds and their precursors in the atmosphere are emissions of sulfur and nitrogen oxides from the combustion of fossil fuels;

(3) the problem of acid deposition is of national and international significance;

(4) strategies and technologies for the control of precursors to acid deposition exist now that are economically feasible, and improved methods are expected to become increasingly available over the next decade;

(5) current and future generations of Americans will be adversely affected by delaying measures to remedy the problem;

(6) reduction of total atmospheric loading of sulfur dioxide and nitrogen oxides will enhance protection of the public health and welfare and the environment; and

(7) control measures to reduce precursor emissions from steam-electric generating units should be initiated without delay.

**(b) Purposes**

The purpose of this subchapter is to reduce the adverse effects of acid deposition through reductions in annual emissions of sulfur dioxide of ten million tons from 1980 emission levels, and, in combination with other provisions of this chapter, of nitrogen oxides emissions of approximately two million tons from 1980 emission levels, in the forty-eight contiguous States and the District of Columbia. It is the intent of this subchapter to effectuate such reductions by requiring compliance by affected sources with prescribed emission limitations by specified deadlines, which limitations may be met through alternative methods of compliance provided by an emission allocation and transfer system. It is also the purpose of this subchapter to encourage energy conservation, use of renewable and clean alternative technologies, and pollution prevention as a long-range strategy, consistent with the provisions of this subchapter, for reducing air pollution and other adverse impacts of energy production and use.

(July 14, 1955, ch. 360, title IV, § 401, as added Pub. L. 101-549, title IV, § 401, Nov. 15, 1990, 104 Stat. 2584.)

**CODIFICATION**

Another section 401 of act July 14, 1955, as added by Pub. L. 91-604, § 14, Dec. 31, 1970, 84 Stat. 1709, is set out as a Short Title note under section 7401 of this title.

**ACID DEPOSITION STANDARDS**

Section 404 of Pub. L. 101-549 directed Administrator of Environmental Protection Agency, not later than 36 months after Nov. 15, 1990, to transmit to Congress a report on the feasibility and effectiveness of an acid deposition standard or standards to protect sensitive and critically sensitive aquatic and terrestrial resources.

**INDUSTRIAL SO<sub>2</sub> EMISSIONS**

Section 406 of Pub. L. 101-549 provided that:

“(a) REPORT.—Not later than January 1, 1995 and every 5 years thereafter, the Administrator of the Environmental Protection Agency shall transmit to the

Congress a report containing an inventory of national annual sulfur dioxide emissions from industrial sources (as defined in title IV of the Act [42 U.S.C. 7651 et seq.]), including units subject to section 405(g)(6) of the Clean Air Act [42 U.S.C. 7651d(g)(6)], for all years for which data are available, as well as the likely trend in such emissions over the following twenty-year period. The reports shall also contain estimates of the actual emission reduction in each year resulting from promulgation of the diesel fuel desulfurization regulations under section 214 [42 U.S.C. 7548].

“(b) 5.60 MILLION TON CAP.—Whenever the inventory required by this section indicates that sulfur dioxide emissions from industrial sources, including units subject to section 405(g)(5) of the Clean Air Act [42 U.S.C. 7651d(g)(5)], may reasonably be expected to reach levels greater than 5.60 million tons per year, the Administrator of the Environmental Protection Agency shall take such actions under the Clean Air Act [42 U.S.C. 7401 et seq.] as may be appropriate to ensure that such emissions do not exceed 5.60 million tons per year. Such actions may include the promulgation of new and revised standards of performance for new sources, including units subject to section 405(g)(5) of the Clean Air Act, under section 111(b) of the Clean Air Act [42 U.S.C. 7411(b)], as well as promulgation of standards of performance for existing sources, including units subject to section 405(g)(5) of the Clean Air Act, under authority of this section. For an existing source regulated under this section, ‘standard of performance’ means a standard which the Administrator determines is applicable to that source and which reflects the degree of emission reduction achievable through the application of the best system of continuous emission reduction which (taking into consideration the cost of achieving such emission reduction, and any nonair quality health and environmental impact and energy requirements) the Administrator determines has been adequately demonstrated for that category of sources.

“(c) ELECTION.—Regulations promulgated under section 405(b) of the Clean Air Act [42 U.S.C. 7651d(b)] shall not prohibit a source from electing to become an affected unit under section 410 of the Clean Air Act [42 U.S.C. 7651i].”

[For termination, effective May 15, 2000, of reporting provisions in section 406(a) of Pub. L. 101-549, set out above, see section 3003 of Pub. L. 104-66, as amended, set out as a note under section 1113 of Title 31, Money and Finance, and the 10th item on page 162 of House Document No. 103-7.]

#### SENSE OF CONGRESS ON EMISSION REDUCTIONS COSTS

Section 407 of Pub. L. 101-549 provided that: “It is the sense of the Congress that the Clean Air Act Amendments of 1990 [Pub. L. 101-549, see Tables for classification], through the allowance program, allocates the costs of achieving the required reductions in emissions of sulfur dioxide and oxides of nitrogen among sources in the United States. Broad based taxes and emissions fees that would provide for payment of the costs of achieving required emissions reductions by any party or parties other than the sources required to achieve the reductions are undesirable.”

#### MONITORING OF ACID RAIN PROGRAM IN CANADA

Section 408 of Pub. L. 101-549 provided that:

“(a) REPORTS TO CONGRESS.—The Administrator of the Environmental Protection Agency, in consultation with the Secretary of State, the Secretary of Energy, and other persons the Administrator deems appropriate, shall prepare and submit a report to Congress on January 1, 1994, January 1, 1999, and January 1, 2005.

“(b) CONTENTS.—The report to Congress shall analyze the current emission levels of sulfur dioxide and nitrogen oxides in each of the provinces participating in Canada’s acid rain control program, the amount of emission reductions of sulfur dioxide and oxides of nitrogen achieved by each province, the methods utilized by each province in making those reductions, the costs

to each province and the employment impacts in each province of making and maintaining those reductions.

“(c) COMPLIANCE.—Beginning on January 1, 1999, the reports shall also assess the degree to which each province is complying with its stated emissions cap.”

#### § 7651a. Definitions

As used in this subchapter:

(1) The term “affected source” means a source that includes one or more affected units.

(2) The term “affected unit” means a unit that is subject to emission reduction requirements or limitations under this subchapter.

(3) The term “allowance” means an authorization, allocated to an affected unit by the Administrator under this subchapter, to emit, during or after a specified calendar year, one ton of sulfur dioxide.

(4) The term “baseline” means the annual quantity of fossil fuel consumed by an affected unit, measured in millions of British Thermal Units (“mmBtu’s”), calculated as follows:

(A) For each utility unit that was in commercial operation prior to January 1, 1985, the baseline shall be the annual average quantity of mmBtu’s consumed in fuel during calendar years 1985, 1986, and 1987, as recorded by the Department of Energy pursuant to Form 767. For any utility unit for which such form was not filed, the baseline shall be the level specified for such unit in the 1985 National Acid Precipitation Assessment Program (NAPAP) Emissions Inventory, Version 2, National Utility Reference File (NURF) or in a corrected data base as established by the Administrator pursuant to paragraph (3).<sup>1</sup> For nonutility units, the baseline is the NAPAP Emissions Inventory, Version 2. The Administrator, in the Administrator’s sole discretion, may exclude periods during which a unit is shutdown for a continuous period of four calendar months or longer, and make appropriate adjustments under this paragraph. Upon petition of the owner or operator of any unit, the Administrator may make appropriate baseline adjustments for accidents that caused prolonged outages.

(B) For any other nonutility unit that is not included in the NAPAP Emissions Inventory, Version 2, or a corrected data base as established by the Administrator pursuant to paragraph (3),<sup>1</sup> the baseline shall be the annual average quantity, in mmBtu consumed in fuel by that unit, as calculated pursuant to a method which the administrator shall prescribe by regulation to be promulgated not later than eighteen months after November 15, 1990.

(C) The Administrator shall, upon application or on his own motion, by December 31, 1991, supplement data needed in support of this subchapter and correct any factual errors in data from which affected Phase II units’ baselines or actual 1985 emission rates have been calculated. Corrected data shall be used for purposes of issuing allowances

<sup>1</sup>So in original. The reference to “paragraph (3)” probably should be to “subparagraph (C)”.