

(18) The term “allowable 1985 emissions rate” means a federally enforceable emissions limitation for sulfur dioxide or oxides of nitrogen, applicable to the unit in 1985 or the limitation applicable in such other subsequent year as determined by the Administrator if such a limitation for 1985 does not exist. Where the emissions limitation for a unit is not expressed in pounds of emissions per million Btu, or the averaging period of that emissions limitation is not expressed on an annual basis, the Administrator shall calculate the annual equivalent of that emissions limitation in pounds per million Btu to establish the allowable 1985 emissions rate.

(19) The term “qualifying phase I technology” means a technological system of continuous emission reduction which achieves a 90 percent reduction in emissions of sulfur dioxide from the emissions that would have resulted from the use of fuels which were not subject to treatment prior to combustion.

(20) The term “alternative method of compliance” means a method of compliance in accordance with one or more of the following authorities:

(A) a substitution plan submitted and approved in accordance with subsections<sup>4</sup> 7651c(b) and (c) of this title;

(B) a Phase I extension plan approved by the Administrator under section 7651c(d) of this title, using qualifying phase I technology as determined by the Administrator in accordance with that section; or

(C) repowering with a qualifying clean coal technology under section 7651h of this title.

(21) The term “commenced” as applied to construction of any new electric utility unit means that an owner or operator has undertaken a continuous program of construction or that an owner or operator has entered into a contractual obligation to undertake and complete, within a reasonable time, a continuous program of construction.

(22) The term “commenced commercial operation” means to have begun to generate electricity for sale.

(23) The term “construction” means fabrication, erection, or installation of an affected unit.

(24) The term “industrial source” means a unit that does not serve a generator that produces electricity, a “nonutility unit” as defined in this section, or a process source as defined in section 7651i(e)<sup>5</sup> of this title.

(25) The term “nonutility unit” means a unit other than a utility unit.

(26) The term “designated representative” means a responsible person or official authorized by the owner or operator of a unit to represent the owner or operator in matters pertaining to the holding, transfer, or disposition of allowances allocated to a unit, and the submission of and compliance with permits, permit applications, and compliance plans for the unit.

(27) The term “life-of-the-unit, firm power contractual arrangement” means a unit par-

ticipation power sales agreement under which a utility or industrial customer reserves, or is entitled to receive, a specified amount or percentage of capacity and associated energy generated by a specified generating unit (or units) and pays its proportional amount of such unit’s total costs, pursuant to a contract either—

(A) for the life of the unit;

(B) for a cumulative term of no less than 30 years, including contracts that permit an election for early termination; or

(C) for a period equal to or greater than 25 years or 70 percent of the economic useful life of the unit determined as of the time the unit was built, with option rights to purchase or re-lease some portion of the capacity and associated energy generated by the unit (or units) at the end of the period.

(28) The term “basic Phase II allowance allocations” means:

(A) For calendar years 2000 through 2009 inclusive, allocations of allowances made by the Administrator pursuant to section 7651b of this title and subsections (b)(1), (3), and (4); (c)(1), (2), (3), and (5); (d)(1), (2), (4), and (5); (e); (f); (g)(1), (2), (3), (4), and (5); (h)(1); (i) and (j) of section 7651d of this title.

(B) For each calendar year beginning in 2010, allocations of allowances made by the Administrator pursuant to section 7651b of this title and subsections (b)(1), (3), and (4); (c)(1), (2), (3), and (5); (d)(1), (2), (4) and (5); (e); (f); (g)(1), (2), (3), (4), and (5); (h)(1) and (3); (i) and (j) of section 7651d of this title.

(29) The term “Phase II bonus allowance allocations” means, for calendar year 2000 through 2009, inclusive, and only for such years, allocations made by the Administrator pursuant to section 7651b of this title, subsections (a)(2), (b)(2), (c)(4), (d)(3) (except as otherwise provided therein), and (h)(2) of section 7651d of this title, and section 7651e of this title.

(July 14, 1955, ch. 360, title IV, §402, as added Pub. L. 101-549, title IV, §401, Nov. 15, 1990, 104 Stat. 2585.)

#### REFERENCES IN TEXT

Part B of title III of the Act, referred to in par. (11), means title III of the Clean Air Act, act July 14, 1955, ch. 360, as added, which is classified to subchapter III of this chapter, but title III does not contain parts. For provisions of the Clean Air Act relating to permits, see subchapter V (§7661 et seq.) of this chapter.

#### CODIFICATION

Another section 402 of act July 14, 1955, as added by Pub. L. 91-604, §14, Dec. 31, 1970, 84 Stat. 1709, is classified to section 7641 of this title.

#### § 7651b. Sulfur dioxide allowance program for existing and new units

##### (a) Allocations of annual allowances for existing and new units

(1)<sup>1</sup> For the emission limitation programs under this subchapter, the Administrator shall allocate annual allowances for the unit, to be

<sup>4</sup> So in original. Probably should be “section”.

<sup>5</sup> So in original. Probably should be section “7651i(d)”.

<sup>1</sup> So in original. No pars. (2) and (3) have been enacted.

held or distributed by the designated representative of the owner or operator of each affected unit at an affected source in accordance with this subchapter, in an amount equal to the annual tonnage emission limitation calculated under section 7651c, 7651d, 7651e, 7651h, or 7651i of this title except as otherwise specifically provided elsewhere in this subchapter. Except as provided in sections 7651d(a)(2), 7651d(a)(3), 7651h and 7651i of this title, beginning January 1, 2000, the Administrator shall not allocate annual allowances to emit sulfur dioxide pursuant to section 7651d of this title in such an amount as would result in total annual emissions of sulfur dioxide from utility units in excess of 8.90 million tons except that the Administrator shall not take into account unused allowances carried forward by owners and operators of affected units or by other persons holding such allowances, following the year for which they were allocated. If necessary to meeting the restrictions imposed in the preceding sentence, the Administrator shall reduce, pro rata, the basic Phase II allowance allocations for each unit subject to the requirements of section 7651d of this title. Subject to the provisions of section 7651o of this title, the Administrator shall allocate allowances for each affected unit at an affected source annually, as provided in paragraphs (2) and (3)<sup>1</sup> and section 7651g of this title. Except as provided in sections 7651h and 7651i of this title, the removal of an existing affected unit or source from commercial operation at any time after November 15, 1990 (whether before or after January 1, 1995, or January 1, 2000) shall not terminate or otherwise affect the allocation of allowances pursuant to section 7651c or 7651d of this title to which the unit is entitled. Allowances shall be allocated by the Administrator without cost to the recipient, except for allowances sold by the Administrator pursuant to section 7651o of this title. Not later than December 31, 1991, the Administrator shall publish a proposed list of the basic Phase II allowance allocations, the Phase II bonus allowance allocations and, if applicable, allocations pursuant to section 7651d(a)(3) of this title for each unit subject to the emissions limitation requirements of section 7651d of this title for the year 2000 and the year 2010. After notice and opportunity for public comment, but not later than December 31, 1992, the Administrator shall publish a final list of such allocations, subject to the provisions of section 7651d(a)(2) of this title. Any owner or operator of an existing unit subject to the requirements of section 7651d(b) or (c) of this title who is considering applying for an extension of the emission limitation requirement compliance deadline for that unit from January 1, 2000, until not later than December 31, 2000, pursuant to section 7651h of this title, shall notify the Administrator no later than March 31, 1991. Such notification shall be used as the basis for estimating the basic Phase II allowances under this subsection. Prior to June 1, 1998, the Administrator shall publish a revised final statement of allowance allocations, subject to the provisions of section 7651d(a)(2) of this title and taking into account the effect of any compliance date extensions granted pursuant to section 7651h of this title on such allocations. Any person who may

make an election concerning the amount of allowances to be allocated to a unit or units shall make such election and so inform the Administrator not later than March 31, 1991, in the case of an election under section 7651d of this title (or June 30, 1991, in the case of an election under section 7651e of this title). If such person fails to make such election, the Administrator shall set forth for each unit owned or operated by such person, the amount of allowances reflecting the election that would, in the judgment of the Administrator, provide the greatest benefit for the owner or operator of the unit. If such person is a Governor who may make an election under section 7651e of this title and the Governor fails to make an election, the Administrator shall set forth for each unit in the State the amount of allowances reflecting the election that would, in the judgment of the Administrator, provide the greatest benefit for units in the State.

**(b) Allowance transfer system**

Allowances allocated under this subchapter may be transferred among designated representatives of the owners or operators of affected sources under this subchapter and any other person who holds such allowances, as provided by the allowance system regulations to be promulgated by the Administrator not later than eighteen months after November 15, 1990. Such regulations shall establish the allowance system prescribed under this section, including, but not limited to, requirements for the allocation, transfer, and use of allowances under this subchapter. Such regulations shall prohibit the use of any allowance prior to the calendar year for which the allowance was allocated, and shall provide, consistent with the purposes of this subchapter, for the identification of unused allowances, and for such unused allowances to be carried forward and added to allowances allocated in subsequent years, including allowances allocated to units subject to Phase I requirements (as described in section 7651c of this title) which are applied to emissions limitations requirements in Phase II (as described in section 7651d of this title). Transfers of allowances shall not be effective until written certification of the transfer, signed by a responsible official of each party to the transfer, is received and recorded by the Administrator. Such regulations shall permit the transfer of allowances prior to the issuance of such allowances. Recorded pre-allocation transfers shall be deducted by the Administrator from the number of allowances which would otherwise be allocated to the transferor, and added to those allowances allocated to the transferee. Pre-allocation transfers shall not affect the prohibition contained in this subsection against the use of allowances prior to the year for which they are allocated.

**(c) Interpollutant trading**

Not later than January 1, 1994, the Administrator shall furnish to the Congress a study evaluating the environmental and economic consequences of amending this subchapter to permit trading sulfur dioxide allowances for nitrogen oxides allowances.

**(d) Allowance tracking system**

(1) The Administrator shall promulgate, not later than 18 months after November 15, 1990, a

system for issuing, recording, and tracking allowances, which shall specify all necessary procedures and requirements for an orderly and competitive functioning of the allowance system. All allowance allocations and transfers shall, upon recordation by the Administrator, be deemed a part of each unit's permit requirements pursuant to section 7651g of this title, without any further permit review and revision.

(2) In order to insure electric reliability, such regulations shall not prohibit or affect temporary increases and decreases in emissions within utility systems, power pools, or utilities entering into allowance pool agreements, that result from their operations, including emergencies and central dispatch, and such temporary emissions increases and decreases shall not require transfer of allowances among units nor shall it require recordation. The owners or operators of such units shall act through a designated representative. Notwithstanding the preceding sentence, the total tonnage of emissions in any calendar year (calculated at the end thereof) from all units in such a utility system, power pool, or allowance pool agreements shall not exceed the total allowances for such units for the calendar year concerned.

**(e) New utility units**

After January 1, 2000, it shall be unlawful for a new utility unit to emit an annual tonnage of sulfur dioxide in excess of the number of allowances to emit held for the unit by the unit's owner or operator. Such new utility units shall not be eligible for an allocation of sulfur dioxide allowances under subsection (a)(1), unless the unit is subject to the provisions of subsection (g)(2) or (3) of section 7651d of this title. New utility units may obtain allowances from any person, in accordance with this subchapter. The owner or operator of any new utility unit in violation of this subsection shall be liable for fulfilling the obligations specified in section 7651j of this title.

**(f) Nature of allowances**

An allowance allocated under this subchapter is a limited authorization to emit sulfur dioxide in accordance with the provisions of this subchapter. Such allowance does not constitute a property right. Nothing in this subchapter or in any other provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization. Nothing in this section relating to allowances shall be construed as affecting the application of, or compliance with, any other provision of this chapter to an affected unit or source, including the provisions related to applicable National Ambient Air Quality Standards and State implementation plans. Nothing in this section shall be construed as requiring a change of any kind in any State law regulating electric utility rates and charges or affecting any State law regarding such State regulation or as limiting State regulation (including any prudency review) under such a State law. Nothing in this section shall be construed as modifying the Federal Power Act [16 U.S.C. 791a et seq.] or as affecting the authority of the Federal Energy Regulatory Commission under that Act. Nothing in this subchapter shall be construed to interfere with or impair any pro-

gram for competitive bidding for power supply in a State in which such program is established. Allowances, once allocated to a person by the Administrator, may be received, held, and temporarily or permanently transferred in accordance with this subchapter and the regulations of the Administrator without regard to whether or not a permit is in effect under subchapter V or section 7651g of this title with respect to the unit for which such allowance was originally allocated and recorded. Each permit under this subchapter and each permit issued under subchapter V for any affected unit shall provide that the affected unit may not emit an annual tonnage of sulfur dioxide in excess of the allowances held for that unit.

**(g) Prohibition**

It shall be unlawful for any person to hold, use, or transfer any allowance allocated under this subchapter, except in accordance with regulations promulgated by the Administrator. It shall be unlawful for any affected unit to emit sulfur dioxide in excess of the number of allowances held for that unit for that year by the owner or operator of the unit. Upon the allocation of allowances under this subchapter, the prohibition contained in the preceding sentence shall supersede any other emission limitation applicable under this subchapter to the units for which such allowances are allocated. Allowances may not be used prior to the calendar year for which they are allocated. Nothing in this section or in the allowance system regulations shall relieve the Administrator of the Administrator's permitting, monitoring and enforcement obligations under this chapter, nor relieve affected sources of their requirements and liabilities under this chapter.

**(h) Competitive bidding for power supply**

Nothing in this subchapter shall be construed to interfere with or impair any program for competitive bidding for power supply in a State in which such program is established.

**(i) Applicability of antitrust laws**

(1) Nothing in this section affects—

(A) the applicability of the antitrust laws to the transfer, use, or sale of allowances, or

(B) the authority of the Federal Energy Regulatory Commission under any provision of law respecting unfair methods of competition or anticompetitive acts or practices.

(2) As used in this section, "antitrust laws" means those Acts set forth in section 12 of title 15.

**(j) Public Utility Holding Company Act**

The acquisition or disposition of allowances pursuant to this subchapter including the issuance of securities or the undertaking of any other financing transaction in connection with such allowances shall not be subject to the provisions of the Public Utility Holding Company Act of 1935.<sup>2</sup>

(July 14, 1955, ch. 360, title IV, §403, as added Pub. L. 101-549, title IV, §401, Nov. 15, 1990, 104 Stat. 2589.)

<sup>2</sup> See References in Text note below.

## REFERENCES IN TEXT

The Federal Power Act, referred to in subsec. (f), is act June 10, 1920, ch. 285, 41 Stat. 1063, as amended, which is classified generally to chapter 12 (§791a et seq.) of Title 16, Conservation. For complete classification of this Act to the Code, see section 791a of Title 16 and Tables.

The Public Utility Holding Company Act of 1935, referred to in subsec. (j), is title I of act Aug. 26, 1935, ch. 687, 49 Stat. 803, as amended, which was classified generally to chapter 2C (§79 et seq.) of Title 15, Commerce and Trade, prior to repeal by Pub. L. 109-58, title XII, §1263, Aug. 8, 2005, 119 Stat. 974. For complete classification of this Act to the Code, see Tables.

## CODIFICATION

Another section 403 of act July 14, 1955, as added by Pub. L. 91-604, §14, Dec. 31, 1970, 84 Stat. 1710, is classified to section 7642 of this title.

## FOSSIL FUEL USE

Pub. L. 101-549, title IV, §402, Nov. 15, 1990, 104 Stat. 2631, provided that:

“(a) CONTRACTS FOR HYDROELECTRIC ENERGY.—Any person who, after the date of the enactment of the Clean Air Act Amendments of 1990 [Nov. 15, 1990], enters into a contract under which such person receives hydroelectric energy in return for the provision of electric energy by such person shall use allowances held by such person as necessary to satisfy such person’s obligations under such contract.

“(b) FEDERAL POWER MARKETING ADMINISTRATION.—A Federal Power Marketing Administration shall not be subject to the provisions and requirements of this title [enacting this subchapter, amending sections 7410, 7411, and 7479 of this title, and enacting provisions set out as notes under sections 7403, 7411, and 7651 of this title] with respect to electric energy generated by hydroelectric facilities and marketed by such Power Marketing Administration. Any person who sells or provides electric energy to a Federal Power Marketing Administration shall comply with the provisions and requirements of this title.”

**§ 7651c. Phase I sulfur dioxide requirements****(a) Emission limitations**

(1) After January 1, 1995, each source that includes one or more affected units listed in table A is an affected source under this section. After January 1, 1995, it shall be unlawful for any affected unit (other than an eligible phase I unit under subsection (d)(2)) to emit sulfur dioxide in excess of the tonnage limitation stated as a total number of allowances in table A for phase I, unless (A) the emissions reduction requirements applicable to such unit have been achieved pursuant to subsection (b) or (d), or (B) the owner or operator of such unit holds allowances to emit not less than the unit’s total annual emissions, except that, after January 1, 2000, the emissions limitations established in this section shall be superseded by those established in section 7651d of this title. The owner or operator of any unit in violation of this section shall be fully liable for such violation including, but not limited to, liability for fulfilling the obligations specified in section 7651j of this title.

(2) Not later than December 31, 1991, the Administrator shall determine the total tonnage of reductions in the emissions of sulfur dioxide from all utility units in calendar year 1995 that will occur as a result of compliance with the emissions limitation requirements of this section, and shall establish a reserve of allowances

equal in amount to the number of tons determined thereby not to exceed a total of 3.50 million tons. In making such a determination, the Administrator shall compute for each unit subject to the emissions limitation requirements of this section the difference between:

(A) the product of its baseline multiplied by the lesser of each unit’s allowable 1985 emissions rate and its actual 1985 emissions rate, divided by 2,000, and

(B) the product of each unit’s baseline multiplied by 2.50 lbs/mmBtu divided by 2,000,

and sum the computations. The Administrator shall adjust the foregoing calculation to reflect projected calendar year 1995 utilization of the units subject to the emissions limitations of this subchapter that the Administrator finds would have occurred in the absence of the imposition of such requirements. Pursuant to subsection (d), the Administrator shall allocate allowances from the reserve established herein under until the earlier of such time as all such allowances in the reserve are allocated or December 31, 1999.

(3) In addition to allowances allocated pursuant to paragraph (1), in each calendar year beginning in 1995 and ending in 1999, inclusive, the Administrator shall allocate for each unit on Table A that is located in the States of Illinois, Indiana, or Ohio (other than units at Kyger Creek, Clifty Creek and Joppa Steam), allowances in an amount equal to 200,000 multiplied by the unit’s pro rata share of the total number of allowances allocated for all units on Table A in the 3 States (other than units at Kyger Creek, Clifty Creek, and Joppa Steam) pursuant to paragraph (1). Such allowances shall be excluded from the calculation of the reserve under paragraph (2).

**(b) Substitutions**

The owner or operator of an affected unit under subsection (a) may include in its section 7651g of this title permit application and proposed compliance plan a proposal to reassign, in whole or in part, the affected unit’s sulfur dioxide reduction requirements to any other unit(s) under the control of such owner or operator. Such proposal shall specify—

(1) the designation of the substitute unit or units to which any part of the reduction obligations of subsection (a) shall be required, in addition to, or in lieu of, any original affected units designated under such subsection;

(2) the original affected unit’s baseline, the actual and allowable 1985 emissions rate for sulfur dioxide, and the authorized annual allowance allocation stated in table A;

(3) calculation of the annual average tonnage for calendar years 1985, 1986, and 1987, emitted by the substitute unit or units, based on the baseline for each unit, as defined in section 7651a(d)<sup>1</sup> of this title, multiplied by the lesser of the unit’s actual or allowable 1985 emissions rate;

(4) the emissions rates and tonnage limitations that would be applicable to the original and substitute affected units under the substitution proposal;

<sup>1</sup> So in original. Probably should be section “7651a(4)”.