

Commission within 60 days from the issuance date of this notice. All reply comments must be filed with the Commission within 105 days from the date of this notice.

Anyone may obtain an extension of time for these deadlines from the Commission only upon a showing of good cause or extraordinary circumstances in accordance with 18 CFR 385.2008.

All filings must (1) bear in all capital letters the title "COMMENTS", "REPLY COMMENTS", "RECOMMENDATIONS," "TERMS AND CONDITIONS," or "PRESCRIPTIONS;" (2) set forth in the heading the name of the applicant and the project number of the application to which the filing responds; (3) furnish the name, address, and telephone number of the person submitting the filing; and (4) otherwise comply with the requirements of 18 CFR 385.2001 through 385.2005. All comments, recommendations, terms and conditions or prescriptions must set forth their evidentiary basis and otherwise comply with the requirements of 18 CFR 4.34(b). Agencies may obtain copies of the application directly from the applicants. Any of these documents must be filed by providing the original and the number of copies required by the Commission's regulations to: The Secretary, Federal Energy Regulatory Commission, 888 First Street, N.E., Washington, D.C. 20426. An additional copy must be sent to Director, Division of Project Review, Office of Hydropower Licensing, Federal Energy Regulatory Commission at the above address. Each filing must be accompanied by proof of service on all persons listed on the service list prepared by the Commission in this proceeding, in accordance with 18 CFR 4.34(b), and 385.2010.

David P. Boergers,
Acting Secretary.

[FR Doc. 98-3522 Filed 2-11-98; 8:45 am]

BILLING CODE 6717-01-M

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

Notice of Transfer of License

February 6, 1998.

Take notice that the following hydroelectric application has been filed with the Commission and is available for public inspection:

- a. *Type of Application:* Transfer of License.
- b. *Project No.:* 6896-051.
- c. *Date filed:* December 29, 1997.

d. *Applicants:* Energy Growth Group, Butte Creek Improvement Company, Energy Growth Partnership I, and Hypower, Inc.

e. *Name of Project:* Forks of Butte.

f. *Location:* On Butte Creek in Butte County, California.

g. *Filed Pursuant to:* Federal Power Act, 16 U.S.C. 791(a)-825(r).

h. *Applicants Contact:* Philip M. Hoover, Project Manager, H&M Engineering, Inc., 8827 Columbia 100 Parkway, Suite 1, Columbia, Maryland 21045, (410) 730-7930.

i. *FERC Contact:* Thomas F. Papsidero, (202) 219-2715.

j. *Comment Date:* March 23, 1998.

k. *Description of Filing:* Application to transfer the license for the Forks of Butte Project to Hypower, Inc.

1. This notice also consists of the following standard paragraphs: B, C1 & D2.

B. Comments, Protests, or Motions to Intervene—Anyone may submit comments, a protest, or a motion to intervene in accordance with the requirements of Rules of Practice and Procedure, 18 CFR 385.210, .211, .214. In determining the appropriate action to take, the Commission will consider all protests or other comments filed, but only those who file a motion to intervene in accordance with the Commission's Rules may become a party to the proceeding. Any comments, protests, or motions to intervene must be received on or before the specified comment date for the particular application.

C1. Filing and Service of Responsive Documents—Any filings must bear in all capital letters the title "COMMENTS", "RECOMMENDATIONS FOR TERMS AND CONDITIONS", "PROTEST", or "MOTION TO INTERVENE", as applicable, and the Project Number of the particular application to which the filing refers. Any of the above-named documents must be filed by providing the original and the number of copies provided by the Commission's regulations to: The Secretary, Federal Energy Regulatory Commission, 888 First Street, N.E., Washington, D.C. 20426. A copy of any motion to intervene must also be served upon each representative of the Applicant specified in the particular application.

D2. Agency Comments—Federal, state, and local agencies are invited to file comments on the described application. A copy of the application may be obtained by agencies directly from the Applicant. If an agency does not file comments within the time specified for filing comments, it will be presumed to have no comments. One

copy of an agency's comments must also be sent to the Applicant's representatives.

David P. Boergers,
Acting Secretary.

[FR Doc. 98-3525 Filed 2-11-98; 8:45 am]

BILLING CODE 6717-01-M

ENVIRONMENTAL PROTECTION AGENCY

[AD-FRL-5942-2]

National Emission Standards for Hazardous Air Pollutants; Revision of List of Categories of Sources and Schedule for Standards Under Section 112 of the Clean Air Act

AGENCY: Environmental Protection Agency (EPA).

ACTION: Notice of revisions to list of categories of major and area sources, and revisions to promulgation schedule for standards.

SUMMARY: This notice publishes revisions made or which have been proposed to the list of categories of sources of hazardous air pollutants (HAP) and the corresponding schedule for the promulgation of emission standards. Required under Sections 112 (c) and (e) of the Clean Air Act, the source category list and the schedule for standards constitute a significant part of the EPA's agenda for regulating stationary sources of air toxics emissions. The "list" and "schedule" were most recently published in the **Federal Register** on June 4, 1996 (61 FR 28197).

Today's notice meets the requirement in Section 112(c)(1) to publish from time to time a list of all categories of sources, reflecting revisions since the list was published. Several of the revisions identified in today's notice have already been published in actions associated with listing and promulgating emission standards for individual source categories, and public comment has already been taken in the context of those actions. Some of the revisions in today's notice have not been reflected in any previous notices, and are being made without public comment on the Administrator's own motion. Such revisions are deemed by EPA to be without need for public comment, based on the nature of the actions. Other revisions have been only proposed as of today's date, but are reflected nevertheless to be inclusive of all list and schedule actions of probable interest to the reader.

EFFECTIVE DATE: February 12, 1998.

ADDRESSES: Relevant information can be found in the **Federal Register** notices cited below in the **SUPPLEMENTARY INFORMATION** section of this notice.

Docket: Docket No. A-90-49, containing supporting information used in development of this notice, is available for public inspection and copying between 8 a.m. and 5:30 p.m., Monday through Friday, excluding legal holidays. The docket is located in the EPA's Air and Radiation Docket and Information Center, Waterside Mall, room M-1500, 401 M Street, SW, Washington, D.C. 20460, or by calling (202) 260-7548. A reasonable fee may be charged for copying docket materials.

FOR FURTHER INFORMATION CONTACT: For information concerning this notice, contact Mr. David Svendsgaard, Emissions Standards Division (MD-13), U.S. EPA, Office of Air Quality Planning and Standards, Research Triangle Park, North Carolina 27711, telephone number (919) 541-2380, facsimile number (919) 541-3470, electronic mail address "svendsgaard.dave@epamail.epa.gov".

SUPPLEMENTARY INFORMATION:

I. Background

The Clean Air Act Amendments of 1990 (Pub. L. 101-549) require, under the revisions to Section 112, that the Agency list categories of sources emitting HAP and promulgate national emission standards for hazardous air pollutants (NESHAP) in order to control, reduce, or otherwise limit the emissions of HAP from such categories of major and area sources. Pursuant to the various specific listing requirements in Section 112(c), the Agency published on July 16, 1992 (57 FR 31576) a list of 174 categories of major and area sources—referred to as the "initial list"—that would be henceforth subject to emission standards. Following this listing, pursuant to requirements in Section 112(e), on December 3, 1993 (58 FR 63941) the Agency published a schedule for the promulgation of emission standards for each of the 174 listed source categories. The schedule for standards organized the source categories into groups of four separate timeframes with promulgation deadlines of November 15, 1992, November 15, 1994, November 15, 1997, or November 15, 2000. The reader is directed to these two notices for information relating to development of the initial list and schedule.

Following these publications, several list and schedule actions were effected through publication of specific **Federal Register** notices. For example, on November 12, 1993 (58 FR 60021), the

Agency listed marine vessel loading operations as a category of major sources, with standards to be promulgated, pursuant to Section 112(c)(5), by the year 2000. As another example, on September 8, 1994 (59 FR 46339), the Agency promulgated standards for HAP emissions for industrial process cooling towers. This latter action did not revise the list or schedule, per se, but specifically delineated rule applicability by defining the affected sources within the listed category. The Agency believes that defining rule applicability and affected sources as part of standard setting constitutes an important aspect of list revision. As was stated in the initial list notice (57 FR 31576):

the Agency recognizes that these descriptions [in the initial list], like the list itself, may be revised from time to time as better information becomes available. The Agency intends to revise these descriptions as part of the process of establishing standards for each category. Ultimately, a definition of each listed category, or subsequently listed subcategories, will be incorporated in each rule establishing a NESHAP for a category

As more notices were published that effected actions relating to individual source categories, it became important to examine the resultant change on the list and schedule. On June 4, 1996 (61 FR 28197), the EPA published a notice that referenced all previous listing and schedule changes and consolidated those actions, along with several new actions, into a revised source category list and schedule. A subsequent notice was published on July 18, 1996 (61 FR 37542) which corrected typographical errors in the June 4 notice.

Section 112(e)(4) states that, notwithstanding Section 307 of the Act, no action of the Administrator listing a source category or subcategory under Section 112(c) shall be a final Agency action subject to judicial review, except that any such action may be reviewed under Section 307 when the Administrator issues emission standards for such pollutant or category. Therefore, today's list is not a final Agency action and is not subject to judicial review.

Prior to issuance of the initial source category list, the EPA published a draft initial list for public comment (56 FR 28548; June 21, 1991). Although the EPA was not required to take public comment on the initial source category list, it believed it was useful to solicit input on a number of issues related to the list. Indeed, in most instances, even where there is no statutory requirement to take comment, EPA solicits public comment on actions it is contemplating.

The EPA has, however, decided that it is unnecessary to solicit additional public comment on the revisions reflected in today's notice because interested parties have already had, or will have in the future, the opportunity to provide comments on many of the revisions in the context of individual actions relating to proposing and promulgating emissions standards.

II. Description of Individual List and Schedule Revisions

The revised source category list and regulatory schedule, reflecting all actions up to today's date, are presented in Table 1. This table incorporates the entire listing of source categories listed to this date, including those listed on the initial list as well as those listed subsequently either through a specific **Federal Register** notice or the June 4, 1996 revision notice. Table 1 also includes the updated schedule for establishing emission standards under Section 112 for the listed categories, including rule proposal or promulgation **Federal Register** citations (Table 1 omits proposal notices once a rule has been promulgated). Table 1 is formatted so that the reader can at once see all categories of major and area sources that have been listed to date, the associated schedule for standards and rulemaking notices, and any revisions effected by or reflected in today's notice. Source categories and/or schedules for standards in Table 1 that are revised from the previous listing notices are marked (i.e., as revisions "as of Today") for ease in discerning where revisions have been made.

The following sections describe the actions that are being effected by or reflected in this notice that are new since the June 4, 1996 publication.

A. Addition of Categories of Sources

The Administrator is obligated to list any category of major sources. Section 112(a) defines "major" source as any stationary source or group of stationary sources, emitting or having the potential to emit, considering controls, 10 tons per year of one HAP or 25 tons per year of two or more HAP.

Today's notice reflects the February 6, 1998 listing (63 FR 8288) of a new category of major sources, Natural Gas Transmission and Storage. This new source category is a result of dividing the initially listed Oil and Natural Gas Production major source category into two separate major source categories. Thus, the Oil and Natural Gas Production source category remains on the list of categories, but part of its original applicability is being covered by the new Natural Gas Transmission

and Storage source category. Since this new category is a subset of an originally listed major source category, it is not subject to the scheduling requirements of Section 112(c)(5); but rather, is subject to the November 15, 1997 deadline originally set for the Oil and Natural Gas Production source category. The reader is referred to the above cited **Federal Register** notice for more information concerning the proposed rule applicability of these two source categories.

An "area" source is a stationary source of HAP that is not a major source. The Agency may list and regulate categories of area sources pursuant to a number of authorities in Section 112. The authorities are all discretionary and/or require some sort of finding or determination by the Administrator. The Agency believes that any such area source listing action should therefore be subject to public comment and is consequently not being taken in today's notice.

However, the February 6, 1998 action described above, which divides the "Oil and Natural Gas Production" category into two major source categories, also proposed to add two area source categories to the list as part of that regulatory action. Since final action has not yet been taken on the proposal to list these two area source categories, the list of categories in today's notice does not reflect the addition of these two source categories. If final action is taken to add these area source categories to the list, that action will be reflected in future consolidated list publications.

The reader is also referred to a June 20, 1997 notice (62 FR 33625) that proposes the listing of three source categories, pursuant to the requirements of Section 112(c)(6). Once listed, these source categories will be subject to emission standards under Section 112(d)(2) and (4) of the Act.

B. Delineation of Standard Applicability and Affected Sources Through Standard Promulgation

Emission standards have been promulgated under Section 112 for several source categories since the source category list and schedule were last published. Table 1 identifies the **Federal Register** cite for each of these notices. These actions are cited in today's notice because they revise the list in that they delineate rule applicability by defining the affected sources within the listed category.

C. Proposed Delineation of Standard Applicability and Affected Sources Through Standard Proposal

Emission standards have been proposed under Section 112 for several source categories since the source category list and schedule were last published. These actions are cited in today's notice as they propose to revise the list by delineating rule applicability by defining the affected sources within the listed category. The reader is referred to Table 1 to obtain the **Federal Register** citations for these categories of sources.

D. Subsumption of Listed Source Categories Into Other Listed Source Categories

Today's notice specifies one action involving subsumption of two previously listed source categories into a single source category. The Hydrogen Cyanide Production and Sodium Cyanide Production source categories will be combined into a new major source category, called Cyanide Chemicals Manufacturing. Since facilities produce sodium cyanide and hydrogen cyanide in the same process train (i.e., using the same or linked equipment), it is more sensible to have facilities subject to only one rule rather than two separate rules for different parts of their process. As a result, two source categories are aggregated into one category without compromising the intent of the original source category listing notice.

The reader is also referred to a November 7, 1996 notice (61 FR 57602) to learn about an anticipated listing action involving the subsumption of a number of source categories into one source category, called the Miscellaneous Organic Chemical Processes source category. Each of the anticipated subsumed categories are scheduled for standards promulgation no later than November 15, 2000; thus, the new source category would be also scheduled for that regulatory timeframe.

The reader is also referred to a November 10, 1997 notice (62 FR 60566) which proposes subsumption of the eleven categories listed in the Agricultural Chemicals Industry Group into one combined source category, Pesticides Active Ingredients Production. The Pesticides Active Ingredient source category is scheduled for standards promulgation by November 15, 1997.

E. Deletion of Categories of Sources

The Administrator may delete categories of sources on the Administrator's own motion or on

petition. One source category—Nylon 6 Production—which was previously determined to be a major source category is being deleted from the list on the Administrator's own motion in today's notice. A second category—Cyanuric Chloride Production—is being deleted on the Administrator's own motion because no major source produces cyanuric chloride as a product. Today's notice contains no deletions of categories as a result of petition.

The reason for deleting Nylon 6 Production is that available data indicate that the category contains no major sources. Specifically, the only pollutant which has ever been considered a HAP that is emitted by the Nylon 6 production process is caprolactam. On June 18, 1996 (61 FR 30816), the Agency removed caprolactam from the Section 112(b)(1) list of HAP. Consequently, this category emits no HAP and is therefore removed from the list of source categories.

The reason Cyanuric Chloride Production is being deleted is that the EPA has determined that cyanuric chloride is an unstable intermediate product and as such does not exist as a production category. Therefore, it was erroneously included on the initial list of source categories.

This section does not include categories of sources which are being deleted from the list by way of subsumption into other listed categories. See Section II.D of this notice for information on these categories.

In the near future EPA expects to publish a notice announcing its intent to regulate certain solid waste incineration units under Section 129 of the Act rather than Section 112. Currently, the Section 112 source category list includes some solid waste incineration units. The source category list and schedule will be updated following finalization of any such change. Sources expressly excluded from regulation under Section 129(g)(1) will remain on the Section 112 list.

F. Moving Standards Promulgation Deadlines for Source Categories

The Agency may revise the regulatory schedule for standards associated with a listed source category, heeding the limitations in Section 112. As was stated in the notice issuing the schedule for standards (58 FR 63941; December 3, 1993), "* * * as new information comes available, the EPA may identify changes to the schedule that would facilitate greater achievement of the prioritizing criteria of section 112(e)."

The December 3, 1993, notice scheduled the initially listed source

categories for regulation such that exactly 50 percent (87 out of 174) were scheduled by November 15, 1997. Consequently, in order to continue to satisfy the numerical and temporal requirements of Section 112(e)(1), any change to occur that would delay the deadline for a source category scheduled for regulation by November 15, 1997, must be offset by a corresponding shifting of a source category from the November 15, 2000, regulatory timeframe forward to the November 15, 1997, timeframe.

Today's notice effects three actions (affecting seven source categories) whereby circumstances support a change to the schedule for standards.

1. Reinforced Plastic Composites Production and Phosphate Fertilizers Production

Reinforced Plastic Composites Production is delayed from November 15, 1997, to November 15, 2000, following the determination that its regulatory development should be conducted in parallel with that of the Boat Manufacturing source category, which is scheduled for standards promulgation by November 15, 2000. Correspondingly, the regulatory schedule for the Phosphate Fertilizers Production is moved up in time, from November 15, 2000, to November 15, 1997.

The change of schedule for Reinforced Plastic Composites Production will promote consistency with the development of the Boat Manufacturing NESHP. The applicability and recordkeeping/reporting requirements for these standards needs to be coordinated due to an overlap in the coverage of the source categories. In addition, moving back the Reinforced Plastic Composites Production regulatory timeframe allows the EPA the time it needs to carry out additional data gathering to develop the rule. Specifically, the EPA is planning a source test program to provide data needed for one of the subcategories of Reinforced Plastic Composites Production.

Because the standard for the Phosphate Fertilizers Production Category is already proposed (61 FR 68430), it will be far ahead of its initial regulatory deadline and therefore can be used in place of the Reinforced Plastic Composites Production category in order to meet the statutory requirement of completion of 50 percent of the initially listed source categories by November 15, 1997.

2. Chlorine Production and Phosphoric Acid Manufacturing

This notice also announces the change of schedules for the source categories of Chlorine Production and Phosphoric Acid Manufacturing. The schedule for Chlorine Production, which was included in the initial source category schedule in December 1993, is being changed from November 15, 1997, to November 15, 2000. The schedule for Phosphoric Acid Manufacturing, published in that same notice (58 FR 63941; December 3, 1993), is being changed from November 15, 2000, to November 15, 1997.

Moving Chlorine Production to the 10-year bin would allow the EPA the time it needs to carry out additional data gathering to develop the proposal. Specifically, the Chlorine Institute and its US based mercury cell chlor-alkali producers are voluntarily committed to attaining a 50 percent reduction in the deliberate use and release of mercury from US based chlor-alkali facilities by the year 2005. Given the timing of these future actions, the Agency has determined that moving Chlorine Production into the 10-year bin is prudent to avoid requirements that are incompatible with the voluntary reductions.

Because the standard for the Phosphoric Acid Manufacturing category has already been proposed, it will be far ahead of its 2000 deadline and therefore can be used to meet the statutory requirement to complete regulation of half the original source category list in 7 years.

3. Cyanide Chemicals Manufacturing, Marine Vessel Loading Operations, and Secondary Lead Smelting (Area Source Category)

This notice also announces a change of schedule for the newly designated Cyanide Chemicals Manufacturing category and the Secondary Lead Smelting area source category and the Marine Vessel Loading Operations category. As noted above, the Hydrogen Cyanide Production category and the Sodium Cyanide Production category (which have now been combined into the Cyanide Chemicals Manufacturing category) were scheduled for regulation by November 15, 1997. The Secondary Lead Smelting area source category and the Marine Vessel Loading Operations major source category were added after publication of the initial source category list, and therefore scheduled for regulation by November 15, 2000, pursuant to Section 112(c)(5) of the Act. Moving forward the regulatory deadlines for these two regulated

categories in exchange for the Cyanide Chemicals Manufacturing category constitutes an equal trade of two categories previously scheduled for November 1997 with two categories previously scheduled for November 2000. Consequently, the requirement to regulate 50 percent of the initially listed categories by November 15, 1997, is preserved.

G. Descriptions of Categories of Sources

For general descriptions of source categories listed in Table 1, the reader is referred to Docket No. A-90-49, Item No. IV-A-55 (EPA-450/3-91-030, entitled "Documentation for Developing the Initial Source Category List"), and the **Federal Register** notice for the first revision of the source category list and schedule (61 FR 28197; June 4, 1996). For subsequent changes to descriptions of source categories for which a rule has been promulgated, the reader is advised to consult Table 1 for the citation of the **Federal Register** notice which will include the amended definition and corresponding rule applicability.

III. Administrative Requirements

A. Docket

The docket for this regulatory action is A-90-49. The docket is an organized and complete file of all the information submitted to or otherwise considered by the Agency in the development of this revised list of categories of sources and revised schedule for standards. The principal purpose of this docket is to allow interested parties to identify and locate documents that serve as a record of the process engaged in by the Agency to publish today's revision to the initial list and schedule. The docket is available for public inspection at the EPA's Air and Radiation Docket and Information Center, which is listed in the **ADDRESSES** section of this notice.

B. Regulatory Requirements

1. General

Today's notice is not a rule; it is essentially an information sharing activity which does not impose regulatory requirements or costs. Therefore, the EPA has not prepared an assessment of the potential costs and benefits pursuant to Executive Order 12866, nor an economic impact analysis pursuant to Section 317, nor a regulatory flexibility analysis pursuant to the Regulatory Flexibility Act (Pub. L. 96-354, September 19, 1980), nor a budgetary impact statement pursuant to the Unfunded Mandates Act of 1995. Also, this notice does not contain any information collection requirements and, therefore, is not subject to the

Paperwork Reduction Act, 44 U.S.C. 3501 *et seq.*
 2. Executive Order 12866 and Office of Management and Budget (OMB) Review

Under Executive Order 12866 (58 FR 51735; October 4, 1993), the Agency must determine whether a regulatory action is "significant" and therefore subject to OMB review and the requirements of the Executive Order. The Order defines "significant" regulatory action as one that is likely to lead to a rule that may either (1) have

an annual effect on the economy of \$100 million or more, or adversely and materially affect a sector of the economy, productivity, competition, jobs, the environment, public health or safety, or State, local or tribal governments or communities; (2) create a serious inconsistency or otherwise interfere with an action taken or planned by another agency; (3) materially alter the budgetary impact of entitlements, grants, user fees, or loan programs or the rights and obligations of recipients thereof; or (4) raise novel

legal or policy issues arising out of legal mandates, the President's priorities, or the principles set forth in the Executive Order.

Pursuant to the terms of Executive Order 12866, it has been decided that this is a "significant regulatory action" within the meaning of the Executive Order. For this reason, this action underwent review by the OMB.

Dated: December 17, 1997.

Robert Brenner,
Acting Assistant Administrator for Air and Radiation.

TABLE 1.—CATEGORIES OF SOURCES OF HAZARDOUS AIR POLLUTANTS AND REGULATION PROMULGATION SCHEDULE BY INDUSTRY GROUP

[Revision date: February 12, 1998]

Industry group Source Category ^a	Promulgation Date/ FEDERAL REGISTER Citation ^b
Fuel combustion:	
Engine Test Facilities	11/15/2000.
Industrial Boilers ^c	11/15/2000.
Institutional/Commercial Boilers ^c	11/15/2000.
Process Heaters	11/15/2000.
Stationary Internal Combustion Engines ^c	11/15/2000.
Stationary Turbines ^c	11/15/2000.
Non-ferrous metals processing:	
Lead Acid Battery Manufacturing	Deleted.
Primary Aluminum Production	61 FR 28197. 11/15/1997.
Primary Copper Smelting	62 FR 52383(F). 11/15/1997.
Primary Lead Smelting	11/15/1997.
Primary Magnesium Refining	11/15/2000.
Secondary Aluminum Production	11/15/1997.
Secondary Lead Smelting	11/15/1994. 60 FR 32587(F). 60 FR 64002(a). 61 FR 27785(A). 61 FR 65334(A). 62 FR 32209(A). 62 FR 32266(a).
Ferrous metals processing:	
Coke By-Product Plants	11/15/2000.
Coke Ovens: Charging, Top Side, and Door Leaks	12/31/1992. 58 FR 57898(F). 59 FR 01922(C).
Coke Ovens: Pushing, Quenching, and Battery Stacks	11/15/2000.
Ferroalloys Production	11/15/1997.
Integrated Iron and Steel Manufacturing	11/15/2000.
Iron Foundries	11/15/2000.
Non-Stainless Steel Manufacturing—Electric Arc Furnace (EAF) Operation	Deleted. 61 FR 28197.
Stainless Steel Manufacturing—Electric Arc Furnace (EAF) Operation	Deleted. 61 FR 28197.
Steel Foundries	11/15/2000.
Steel Pickling—HCl Process	11/15/1997. 62 FR 49052(P)
Mineral products processing:	
Alumina Processing	11/15/2000.
Asphalt Concrete Manufacturing	11/15/2000.
Asphalt Processing	11/15/2000.
Asphalt Roofing Manufacturing	11/15/2000.
Asphalt/Coal Tar Application—Metal Pipes	11/15/2000.
Chromium Refractories Production	11/15/2000.
Clay Products Manufacturing	11/15/2000.
Lime Manufacturing	11/15/2000.
Mineral Wool Production	11/15/1997. 62 FR 25370(P).
Portland Cement Manufacturing	11/15/1997.

TABLE 1.—CATEGORIES OF SOURCES OF HAZARDOUS AIR POLLUTANTS AND REGULATION PROMULGATION SCHEDULE BY INDUSTRY GROUP—Continued
[Revision date: February 12, 1998]

Industry group Source Category ^a	Promulgation Date/ FEDERAL REGISTER Citation ^b
Taconite Iron Ore Processing	11/15/2000.
Wool Fiberglass Manufacturing	11/15/1997.
	62 FR 15228(P).
Petroleum and natural gas production and refining:	
Oil and Natural Gas Production	11/15/1997.
	63 FR 8288(P).
Natural Gas Transmission and Storage	11/15/1997.
	63 FR 8288(P).
Petroleum Refineries—Catalytic Cracking (Fluid and other) Units, Catalytic Reforming Units, and Sulfur Plant Units	11/15/97.
Petroleum Refineries—Other Sources Not Distinctly Listed	11/15/1994.
	60 FR 43244(F).
	61 FR 7051(C).
	61 FR 29876(C).
	62 FR 7937(A).
	62 FR 7977(a).
Liquids distribution:	
Gasoline Distribution (Stage 1)	11/15/1994.
	59 FR 64303(F).
	60 FR 7627(C).
	60 FR 32912(C).
	60 FR 43244(A).
	60 FR 56133(a).
	60 FR 57628(C).
	60 FR 62991(S).
	61 FR 7718(A).
	62 FR 9087(A).
	62 FR 9140(a).
Marine Vessel Loading Operations	11/15/1997.
	60 FR 48399(F).
Organic Liquids Distribution (Non-Gasoline)	11/15/2000.
Surface coating processes:	
Aerospace Industries	11/15/1994.
	60 FR 45948(F).
	61 FR 4902(C).
	61 FR 55842(a).
	61 FR 66226(C).
Auto and Light Duty Truck (Surface Coating)	11/15/2000.
Flat Wood Paneling (Surface Coating)	11/15/2000.
Large Appliance (Surface Coating)	11/15/2000.
Magnetic Tapes (Surface Coating)	11/15/1994.
	59 FR 64580(F).
Manufacture of Paints, Coatings, and Adhesives	11/15/2000.
Metal Can (Surface Coating)	11/15/2000.
Metal Coil (Surface Coating)	11/15/2000.
Metal Furniture (Surface Coating)	11/15/2000.
Miscellaneous Metal Parts and Products (Surface Coating)	11/15/2000.
Paper and Other Webs (Surface Coating)	11/15/2000.
Plastic Parts and Products (Surface Coating)	11/15/2000.
Printing, Coating, and Dyeing of Fabrics	11/15/2000.
Printing/Publishing (Surface Coating)	11/15/1994.
	61 FR 27132(F).
Shipbuilding and Ship Repair (Surface Coating)	11/15/1994.
	60 FR 64330(F).
	61 FR 30814(A).
	61 FR 30846(a).
	61 FR 66226(C).
Wood Furniture (Surface Coating)	11/15/1994.
	60 FR 62930(F).
	62 FR 30257(C).
	62 FR 31361(A).
	62 FR 31405(a).
Waste treatment and disposal:	
Hazardous Waste Incineration	11/15/2000.
Municipal Landfills	11/15/2000.
Off-Site Waste and Recovery Operations	11/15/1994.
	61 FR 34141(F).
Publicly Owned Treatment Works (POTW) Emissions ^d	11/15/95.
Sewage Sludge Incineration	11/15/2000.

TABLE 1.—CATEGORIES OF SOURCES OF HAZARDOUS AIR POLLUTANTS AND REGULATION PROMULGATION SCHEDULE BY INDUSTRY GROUP—Continued
[Revision date: February 12, 1998]

Industry group Source Category ^a	Promulgation Date/ FEDERAL REGISTER Citation ^b
Site Remediation	11/15/2000.
Solid Waste Treatment, Storage and Disposal Facilities (TSDF)	Renamed.
	59 FR 51913.
Agricultural chemicals production:	
4-Chloro-2-Methylphenoxyacetic Acid Production	11/15/1997.
	62 FR 60566(P).
2,4-D Salts and Esters Production	11/15/1997.
	62 FR 60566(P).
4,6-Dinitro-o-Cresol Production	11/15/1997.
	62 FR 60566(P).
Butadiene-Furfural Cotrimer (R-11) Production ^e	11/15/2000.
	62 FR 60566(P).
Captafol Production ^e	11/15/1997.
	62 FR 60566(P).
Captan Production ^e	11/15/1997.
	62 FR 60566(P).
Chloroneb Production	11/15/1997.
	62 FR 60566(P).
Chlorothalonil Production ^e	11/15/1997.
	62 FR 60566 (P).
Dacthal (tm) Production ^e	11/15/1997.
	62 FR 60566 (P).
Sodium Pentachlorophenate Production	11/15/1997.
	62 FR 60566 (P).
Tordon (tm) Acid Production ^e	11/15/1997.
	62 FR 60566 (P)
Fibers production processes:	
Acrylic Fibers/Modacrylic Fibers Production	11/15/1997.
Rayon Production	11/15/2000.
Spandex Production	11/15/2000.
Food and agriculture processes:	
Baker's Yeast Manufacturing	11/15/2000.
Cellulose Food Casing Manufacturing	11/15/2000.
Vegetable Oil Production	11/15/2000
Pharmaceutical production processes:	
Pharmaceuticals Production ^e	11/15/1997.
	62 FR 15754 (P)
Polymers and resins production:	
Acetal Resins Production	11/15/1997.
Acrylonitrile-Butadiene-Styrene Production	11/15/1994.
	61 FR 48208 (F).
	61 FR 54342 (C).
	61 FR 59849 (N).
	62 FR 01835 (A).
	62 FR 01869 (a).
	62 FR 37720 (A).
Alkyd Resins Production	11/15/2000.
Amino Resins Production	11/15/1997.
Boat Manufacturing	11/15/2000.
Butadiene Furfural Cotrimer (R-11) Production	Moved.
	61 FR 28197.
Butyl Rubber Production	11/15/1994.
	61 FR 46906 (F).
	61 FR 59849 (N).
	62 FR 01835 (A).
	62 FR 01869 (a).
	62 FR 12546 (N).
	62 FR 37720 (A).
Carboxymethylcellulose Production	11/15/2000.
Cellophane Production	11/15/2000.
Cellulose Ethers Production	11/15/2000.
Epichlorohydrin Elastomers Production	11/15/1994.
	61 FR 46906 (F).
	61 FR 59849 (N).
	62 FR 01835 (A).
	62 FR 01869 (a).
	62 FR 12546 (N).
	62 FR 37720 (A).

TABLE 1.—CATEGORIES OF SOURCES OF HAZARDOUS AIR POLLUTANTS AND REGULATION PROMULGATION SCHEDULE BY INDUSTRY GROUP—Continued

[Revision date: February 12, 1998]

Industry group Source Category ^a	Promulgation Date/ FEDERAL REGISTER Citation ^b
Epoxy Resins Production	11/15/1994.
Ethylene-Propylene Rubber Production	60 FR 12670 (F). 11/15/1994.
Flexible Polyurethane Foam Production	61 FR 46906 (F). 61 FR 59849 (N). 62 FR 01835 (A). 62 FR 01869 (a). 62 FR 12546 (N). 62 FR 37720 (A). 11/15/1997.
Hypalon (tm) Production ^e	61 FR 68406 (P). 62 FR 05074 (C). 11/15/1994.
Maleic Anhydride Copolymers Production	61 FR 46906 (F).
Methylcellulose Production	61 FR 59849 (N).
Methyl Methacrylate-Acrylonitrile-Butadiene-Styrene Production ^e	62 FR 01835 (A). 62 FR 01869 (a). 62 FR 12546 (N). 62 FR 37720 (A). 11/15/2000.
Methyl Methacrylate-Butadiene-Styrene Terpolymers Production ^e	11/15/1994. 61 FR 48208(F). 61 FR 54342(C). 61 FR 59849(N). 62 FR 01835(A). 62 FR 01869(a). 62 FR 37720(A).
Neoprene Production	11/15/1994. 61 FR 48208(F). 61 FR 54342(C). 61 FR 59849(N). 62 FR 01835(A). 62 FR 01869(a). 62 FR 37720(A).
Nitrile Butadiene Rubber Production	11/15/1994. 61 FR 46906(F). 61 FR 59849(N). 62 FR 01835(A). 62 FR 01869(a). 62 FR 12546(N). 62 FR 37720(A).
Nitrile Resins Production	11/15/1994. 61 FR 46906(F). 61 FR 59849(N). 62 FR 01835(A). 62 FR 01869(a). 62 FR 12546(N). 62 FR 37720(A).
Non-Nylon Polyamides Production	11/15/2000. 61 FR 48208(F). 61 FR 54342(C). 61 FR 59849(N). 62 FR 01835(A). 62 FR 01869(a). 62 FR 37720(A).
Nylon 6 Production	11/15/1994.
Phenolic Resins Production	60 FR 12670(F). Deleted as of Today.
Polybutadiene Rubber Production ^e	11/15/1997. 11/15/1994.
Polycarbonates Production ^e	61 FR 46906(F). 61 FR 59849(N). 62 FR 01835(A). 62 FR 01869(a). 62 FR 12546(N). 62 FR 37720(A).

TABLE 1.—CATEGORIES OF SOURCES OF HAZARDOUS AIR POLLUTANTS AND REGULATION PROMULGATION SCHEDULE BY INDUSTRY GROUP—Continued
[Revision date: February 12, 1998]

Industry group Source Category ^a	Promulgation Date/ FEDERAL REGISTER Citation ^b
Polyester Resins Production	11/15/2000.
Polyether Polyols Production	11/15/1997. 62 FR 46804(P). 62 FR 54410(C). 62 FR 60674(R).
Polyethylene Terephthalate Production	11/15/1994. 61 FR 48208(F). 61 FR 54342(C). 61 FR 59849(N). 62 FR 01835(A). 62 FR 01869(a). 62 FR 30993(A). 62 FR 31038(a). 62 FR 37720(A).
Polymerized Vinylidene Chloride Production	11/15/2000.
Polymethyl Methacrylate Resins Production	11/15/2000.
Polystyrene Production	11/15/1994. 61 FR 48208(F). 61 FR 54342(C). 61 FR 59849(N). 62 FR 01835(A). 62 FR 01869(a). 62 FR 37720(A).
Polysulfide Rubber Production ^e	11/15/1994. 61 FR 46906(F). 61 FR 59849(N). 62 FR 01835(A). 62 FR 01869(a). 62 FR 12546(N). 62 FR 37720(A).
Polyvinyl Acetate Emulsions Production	11/15/2000.
Polyvinyl Alcohol Production	11/15/2000.
Polyvinyl Butyral Production	11/15/2000.
Polyvinyl Chloride and Copolymers Production	11/15/2000.
Reinforced Plastic Composites Production	11/15/2000.
Styrene-Acrylonitrile Production	11/15/1994. 61 FR 48208(F). 61 FR 54342(C). 61 FR 59849(N). 61 FR 01835(A). 61 FR 01869(a). 61 FR 37720(A).
Styrene-Butadiene Rubber and Latex Production ^e	11/15/1994. 61 FR 46906(F). 61 FR 59849(N). 61 FR 01835(A). 61 FR 01869(a). 61 FR 12546(N). 61 FR 37720(A).
Production of inorganic chemicals:	
Ammonium Sulfate Production—Caprolactam By-Product Plants	11/15/2000.
Antimony Oxides Manufacturing	11/15/2000.
Carbon Black Production	11/15/2000.
Chlorine Production ^e	11/15/2000.
Chromium Chemicals Manufacturing	Deleted. 61 FR 28197.
Cyanide Chemicals Manufacturing	11/15/2000.
Cyanuric Chloride Production	Deleted as of Today.
Fume Silica Production	11/15/2000.
Hydrochloric Acid Production	11/15/2000.
Hydrogen Cyanide Production	Subsumed as of Today.
Hydrogen Fluoride Production	11/15/2000.
Phosphate Fertilizers Production	11/15/1997. 61 FR 68430(P).
Phosphoric Acid Manufacturing	11/15/1997. 61 FR 68430(P).
Quaternary Ammonium Compounds Production	Moved.

TABLE 1.—CATEGORIES OF SOURCES OF HAZARDOUS AIR POLLUTANTS AND REGULATION PROMULGATION SCHEDULE BY INDUSTRY GROUP—Continued

[Revision date: February 12, 1998]

Industry group Source Category ^a	Promulgation Date/ FEDERAL REGISTER Citation ^b
Sodium Cyanide Production	61 FR 28197. Subsumed as of Today.
Uranium Hexafluoride Production	11/15/2000.
Production of organic chemicals:	
Ethylene Processes	11/15/2000.
Quaternary Ammonium Compounds Production	11/15/2000.
Synthetic Organic Chemical Manufacturing	11/15/1992. 59 FR 19402(F). 59 FR 29196(A). 59 FR 32339(N). 59 FR 48175(C). 59 FR 53359(S). 59 FR 53392(a). 59 FR 54131(S). 59 FR 54154(a). 60 FR 05320(A). 60 FR 18020(A). 60 FR 18026(A). 60 FR 18071(a). 60 FR 18078(a). 60 FR 63624(C). 61 FR 31435(A). 61 FR 07716(A). 61 FR 07761(a). 61 FR 43544(N). 61 FR 43698(a). 61 FR 64572(A). 62 FR 02722(A). 62 FR 44608(a). 62 FR 44614(a).
Miscellaneous processes:	
Aerosol Can-Filling Facilities	11/15/2000.
Benzyltrimethylammonium Chloride Production	11/15/2000.
Butadiene Dimers Production	Renamed.
Carbonyl Sulfide Production	61 FR 28197.
Chelating Agents Production	11/15/2000.
Chlorinated Paraffins Production ^e	11/15/2000.
Chromic Acid Anodizing	11/15/1994.
	60 FR 04948(F).
	60 FR 27598(C).
	60 FR 33122(C).
	60 FR 64002(a).
	61 FR 27785(A).
	61 FR 04463(A).
	61 FR 42918(A).
Commercial Dry Cleaning (Perchloroethylene)—Transfer Machines	11/15/1992.
	58 FR 49354(F).
	58 FR 66287(A).
	60 FR 64002(A).
	61 FR 27785(A).
	61 FR 49263(A).
Commercial Sterilization Facilities	11/15/1994.
	59 FR 62585(F).
	60 FR 64002(a).
	61 FR 27785(A).
Decorative Chromium Electroplating	11/15/1994.
	60 FR 04948(F).
	60 FR 27598(C).
	60 FR 33122(C).
	60 FR 64002(a).
	61 FR 27785(A).
	61 FR 04463(A).
	62 FR 42918(A).
Dodecanedioic Acid Production	Subsumed.
	59 FR 19402.
Dry Cleaning (Petroleum Solvent)	11/15/2000.

TABLE 1.—CATEGORIES OF SOURCES OF HAZARDOUS AIR POLLUTANTS AND REGULATION PROMULGATION SCHEDULE BY INDUSTRY GROUP—Continued
[Revision date: February 12, 1998]

Industry group Source Category ^a	Promulgation Date/ FEDERAL REGISTER Citation ^b
Ethylidene Norbornene Production ^e	11/15/2000.
Explosives Production	11/15/2000.
Flexible Polyurethane Foam Fabrication Operations	11/15/2000.
Friction Products Manufacturing	11/15/2000.
Halogenated Solvent Cleaners	11/15/1994. 59 FR 61801(F). 59 FR 67750(C). 60 FR 29484(C).
Hard Chromium Electroplating	11/15/1994. 60 FR 04948(F). 60 FR 27598(C). 60 FR 33122(C). 60 FR 64002(a). 61 FR 27785(A). 61 FR 04463(A). 62 FR 42918(A).
Hydrazine Production	11/15/2000.
Industrial Cleaning (Perchloroethylene)-Dry-to-dry machines	11/15/1992. 58 FR 49354(F). 58 FR 66287(A). 60 FR 64002(A). 61 FR 27785(A). 61 FR 49263(A).
Industrial Dry Cleaning (Perchloroethylene)—Transfer Machines	11/15/1992. 58 FR 49354(F). 58 FR 66287(A). 60 FR 64002(A). 61 FR 27785(A). 61 FR 49263(A).
Industrial Process Cooling Towers	11/15/1994. 59 FR 46339(F).
Leather Tanning and Finishing Operations	11/15/2000.
OBPA/1,3-Diisocyanate Production ^e	11/15/2000.
Paint Stripper Users	11/15/2000.
Photographic Chemicals Production	11/15/2000.
Phthalate Plasticizers Production	11/15/2000.
Plywood/Particle Board Manufacturing	11/15/2000.
Polyether Polyols Production	Moved. 61 FR 28197.
Pulp and Paper Production	11/15/1997. 58 FR 66078(P). 59 FR 12567(C). 60 FR 09813(N). 61 FR 09383(P). 61 FR 36835(N).
Rocket Engine Test Firing	11/15/2000.
Rubber Chemicals Manufacturing	11/15/2000.
Semiconductor Manufacturing	11/15/2000.
Symmetrical Tetrachloropyridine Production ^e	11/15/2000.
Tetrahydrobenzaldehyde Production	11/15/1997.
Tire Production	11/15/2000.
Wood Treatment	Deleted. 61 FR 28197
Categories of Area Sources ^f	
Asbestos Processing	Deleted. 60 FR 61550.
Chromic Acid Anodizing	11/15/1994. 60 FR 04948(F). 60 FR 27598(C). 60 FR 33122(C). 60 FR 64002(a). 61 FR 27785(A). 61 FR 04463(A). 62 FR 42918(A).
Commercial Dry Cleaning (Perchloroethylene)—Dry-to-Dry Machines	11/15/1992. 58 FR 49354(F). 58 FR 66287(A). 60 FR 64002(A).

TABLE 1.—CATEGORIES OF SOURCES OF HAZARDOUS AIR POLLUTANTS AND REGULATION PROMULGATION SCHEDULE BY INDUSTRY GROUP—Continued
[Revision date: February 12, 1998]

Industry group Source Category ^a	Promulgation Date/ FEDERAL REGISTER Citation ^b
Commercial Dry Cleaning (Perchloroethylene)—Transfer Machines	61 FR 27785(A). 61 FR 49263(A). 11/15/1992. 58 FR 49354(F). 58 FR 66287(A). 60 FR 64002(A). 61 FR 27785(A). 61 FR 49263(A).
Commercial Sterilization Facilities	11/15/1994. 59 FR 62585(F). 60 FR 64002(a). 61 FR 27785(A).
Decorative Chromium Electroplating	11/15/1994. 60 FR 04948(F). 60 FR 27598(C). 60 FR 33122(C). 60 FR 64002(a). 61 FR 27785(A). 61 FR 04463(A). 62 FR 42918(A).
Halogenated Solvent Cleaners	11/15/1994. 59 FR 61801(F). 59 FR 67750(C). 60 FR 29484(C).
Hard Chromium Electroplating	11/15/1994. 60 FR 04948(F). 60 FR 27598(C). 60 FR 33122(C). 60 FR 64002(a). 61 FR 27785(A). 61 FR 04463(A). 62 FR 42918(A).
Secondary Lead Smelting	11/15/1997. 60 FR 32587(F). 60 FR 64002(a). 61 FR 27785(A). 61 FR 65334(A). 62 FR 32209(A). 62 FR 32266(a).

^a Only sources within any category located at a major source shall be subject to emission standards under Section 112 unless a finding is made of a threat of adverse effects to human health or the environment for the area sources in a category. All listed categories are exclusive of any specific operations or processes included under other categories that are listed separately.

^b This schedule does not establish the order in which the rules for particular source categories will be proposed or promulgated. Rather, it requires that emissions standards pursuant to Section 112(d) for a given source category be promulgated by the specified date.

The markings in the "Promulgation Date/FEDERAL REGISTER Citation" column of Table 1 denote the following:

- (A): final amendment to a final rulemaking action.
- (a): proposed amendment to a final rulemaking action.
- (C): correction (or clarification) published subsequent to a proposed or final rulemaking action.
- (F): final rulemaking action.
- (N): notice to announce general information, such as an agency decision, availability of new data, administrative updates, etc.
- (P): proposed rulemaking action.
- (R): reopening of a proposed action for public comment.
- (S): announcement of a stay, or partial stay, of the rule requirements.

Moved: the source category is relocated to a more appropriate industry group.

Subsumed: the source category is included within the definition of another listed category and therefore is no longer listed as a separate source category.

Renamed: the title of this source category is changed to a more appropriate title.

Deleted: the source category is officially removed from the source category list.

^c Sources defined as electric utility steam generating units under Section 112(a)(8) shall not be subject to emission standards pending the findings of the study required under Section 112(n)(1).

^d The Publicly Owned Treatment Works (POTW) Emissions source category has a statutory deadline for regulatory promulgation of November 15, 1995, as established by Section 112(e)(5) of the Clean Air Act. However, for purposes of determining the 18 month period applicable to the POTW source category under Section 112(j)(2), the promulgation deadline is November 15, 1997. This latter date is consistent with the Section 112(e) schedule for the promulgation of emissions standards, as published in the FEDERAL REGISTER on December 3, 1993 (58 FR 63941).

^e Equipment handling specific chemicals for these categories or subsets of these categories are subject to a negotiated standard for equipment leaks contained in the Hazardous Organic NESHAP (HON), which was promulgated on April 22, 1994. The HON includes a negotiated standard for equipment leaks from the SOCM1 category and 20 non-SOCM1 categories (or subsets of these categories). The specific processes affected within the categories are listed in Section XX.X0(c) of the March 6, 1991 FEDERAL REGISTER notice (56 FR 9315).

^f A finding of threat of adverse effects to human health or the environment was made for each category of area sources listed.