

Docket No. A-92-61
Secondary Aluminum–NESHAP
Category II
Items Considered in Developing Proposal
Subcategory II-A
EPA Studies or Contractor Reports

<u>Document No.</u>	<u>Description</u>
II-A-1	Report, Interim Procedures for Estimating Risks Associated with Exposures to Mixtures of Chlorinated Dibenzo-p-Dioxins and -Dibenzofurnas (CDDs and CDFs) and 1989 update, U.S. Department of Commerce, EPA publication number EPA/625/3-89/016, March 1989.
II-A-2	Report, Development of National Emission Standards for Hazardous Air Pollutants for HAP Emissions from Secondary Aluminum Sources, Source Test Plan, prepared for EPA, prepared by RTI, contract number 68-D1-0118, June 30, 1992.
II-A-3	Report, Deposition of Air Pollutants to the Great Waters, First Report to Congress, EPA:OAQPS, EPA publication number EPA-453/R-93-055, May 1994, pp. 18-21.
II-A-4	Report, Secondary Aluminum Emission Test at Rochester Aluminum Smelting Corporation, Rochester, New York, Entropy, Incorporated, prepared for EPA, prepared by Entropy, Incorporated, contract no. 68-D2-0163, August 1995.
II-A-5	Report, Fabric Filter Bag Leak Detection Guidance, prepared for EPA:OAQPS:ESD by Midwest Research Institute, September 1997.
II-A-6	Report, Documentation for Developing the Initial Source Category List, EPA:OAQPS:ESD, EPA publication number EPA-450/3-91-030, July 1992, p. A-7.
II-A-7	Draft Report, The Inventory of Sources of Dioxin in the United States, EPA:ORD:NCEA, publication number EPA/600/P-98/002Aa, April 1998.
II-A-8	Report, Economic Impact Analysis for the Proposed Secondary Aluminum Industry NESHAP, publication number EPA-452/R-99-002, November 1998 (For references see II-I-16).

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II-A-9

Report, Secondary Aluminum Industry: Final Report, Culp Aluminum Alloys, Steele Alabama, January 1999, prepared for EPA:OAQPS:EMC, prepared by Eastern Research Group, Incorporated, Contract Number 68-D7-0001 (Diskette attached).

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Subcategory II-B
EPA Factual Memoranda

<u>Document No.</u>	<u>Description</u>
II-B-1	Note, J. Santiago, EPA:OAQPS:ESD:ISB, to K. Durkee, EPA:OAQPS:ESD:ISB, Model processes and Control Device Options Secondary Aluminum Industry, undated.
II-B-2	Letter, R. Shea, RTI, to D. Painter, EPA:OAQPS:ESD:ISB, August 5, 1991, Site visit report to visit Reynolds Metals, Richmond, Virginia on August 2, 1991.
II-B-3	Memorandum, J. Antley, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, May 22, 1992, Site visit report to visit Hamlin Casting Corporation, Pilot Mountain, North Carolina on March 25, 1992.
II-B-4	Memorandum, P. Lowen, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, October 7, 1992, Information for use in the Coating and Degreasing NESHAP projects.
II-B-5	Memorandum, J. Antley, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, October 27, 1992, Preliminary Analysis of Secondary Aluminum Processes Which are Deemed not to Contribute Significantly to Emissions of HAPs.
II-B-6	Memorandum, J. Antley, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, November 11, 1992, Summary of the Preliminary Analysis of Secondary Aluminum Processes Which are Deemed not to Contribute Significantly to Emissions of HAPs.
II-B-7	Memorandum, J. Antley, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, November 25, 1992, Recommendation for subcategorization of the secondary aluminum source category.
II-B-8	Memorandum, J. Antley, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, February 5, 1993, Preliminary Analysis of Secondary Aluminum Processes Which Contribute Significantly to Emissions of HAPs.
II-B-9	Memorandum, J. Antley, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, March 10, 1993, MACT floors recommendation based on control alternatives.

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<u>Document No.</u>	<u>Description</u>
II-B-10	Memorandum, J. Antley, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, April 7, 1993, Recommendation of secondary aluminum plants to be tested for the development of MACT performance standards.
II-B-11	Memorandum, J. Antley, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, April 8, 1993, Recommendation of secondary aluminum plants to be tested for the development of MACT performance standards.
II-B-12	Memorandum, J. Antley, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, July 28, 1993, Summary of rolling mill emission test data.
II-B-13	Memorandum, J. Antley, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, August 23, 1993, Summary of revised source test plan.
II-B-14	Memorandum, K. Durkee, EPA:OAQPS:ESD:ISB, to T. Backstrom, EPA:OAQPS:ESD:OGC, October 1993, Regarding issues concerning the Secondary Aluminum NESHAP project.
II-B-15	Memorandum, W. Peters, EPA:OAQPS, to J. Santiago, EPA:OAQPS:ESD:ISB, March 27, 1997, Exposure and Risk Assessment Results for Secondary Aluminum Smelters.
II-B-16	Memorandum, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, September 17, 1998, Regulatory impacts for secondary aluminum MACT standards.
II-B-17	Memorandum, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, September 22, 1998, Emission Test Data Summaries.
II-B-18	Memorandum, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, September 23, 1998, Costs of performance testing and monitor installation - Secondary Aluminum NESHAP.
II-B-19	Memorandum, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, July 19, 1996, Summary of Commonwealth Historical Baghouse PM Emissions.

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<u>Document No.</u>	<u>Description</u>
II-B-20	Memorandum, J. Antley, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, May 26, 1992, Site visit report to visit U. S. Aluminum Corporation, Marietta, Pennsylvania on March 11, 1992.
II-B-21	Memorandum, J. Antley, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, October 1992, Site visit report to visit Gettysburg Foundry Specialties, Gettysburg, Pennsylvania on March 11, 1992 (Considered to be Confidential Business Information).
II-B-22	Memorandum, J. Antley, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, February 5, 1992, Site visit report to visit Reynolds Metals Company, Alabama Reclamation Plant, Sheffield, Alabama on June 3, 1992.
II-B-23	Memorandum, J. Antley, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, February 5, 1993, Site visit report to visit Reynolds Metals Company, Alloys Plant, Muscle Shoals, Alabama and Sheffield Plant, Sheffield, Alabama on June 4-5, 1992.
II-B-24	Memorandum, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, April 7, 1998, Enhanced monitoring options.
II-B-25	Memorandum and attachments, M. Wright, RTI, to Docket, December 16, 1998, Enclosing estimated capital and operating costs for emission control equipment for emission sources subject to the Secondary Aluminum NESHAP.

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EPA Correspondence to Persons Outside the Agency

<u>Document No.</u>	<u>Description</u>
II-C-1	Letter, J. Crowder, EPA:OAQPS:ESD:ISB, to E. Stolarz, Wabash Alloys, Incorporated, undated, Confirming site visit to Wabash, Indiana facility on April 7, 1993.
II-C-2	Letter, J. Crowder, EPA:OAQPS:ESD:ISB, to C. White, Gettysburg Foundry Specialties Company, March 4, 1992, Confirming March 12, 1992 site visit to Gettysburg, Pennsylvania facility.
II-C-3	Letter, J. Crowder, EPA:OAQPS:ESD:ISB, to A. Reinhart, U.S. Aluminum Company of Pennsylvania, March 4, 1992, Confirming March 11, 1992 site visit to Marietta, Pennsylvania facility.
II-C-4	Letter, J. Crowder, EPA:OAQPS:ESD:ISB, to B. Weldon, Hamlin Casting Corporation, March 19, 1992, Confirming March 24, 1992 site visit to Pilot Mountain, North Carolina facility.
II-C-5	Information Collection Request for Secondary Aluminum NESHAP under the Clean Air Act Amendments, Title IV, List of Companies sent identical letters attached, May 1992.
II-C-6	Letter, J. Crowder, EPA:OAQPS:ESD:ISB, to M. Tanchuk, Reynolds Metal Company, May 21, 1992, Confirming June 3-5, 1992 visit to Sheffield, Alabama facilities.
II-C-7	Letter, J. Crowder, EPA:OAQPS:ESD:ISB, to B. Weldon, Hamilton Casting Corporation, June 10, 1992, Letter transmitting draft trip report for review and comment for Hamlin Casting Corporation, Pilot Mountain, North Carolina on March 25, 1992 (For final trip report, see II-B-3).
II-C-8	Letter, J. Crowder, EPA:OAQPS:ESD:ISB, to C. White, Gettysburg Foundry Specialties Company, June 10, 1992, Letter transmitting draft trip report for review and comment for Gettysburg, Pennsylvania facility on March 11, 1992 (For final trip report, see II-B-21).

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<u>Document No.</u>	<u>Description</u>
II-C-9	Letter, J. Crowder, EPA:OAQPS:ESD:ISB, to A. Reinhart, U.S. Aluminum Company, June 10, 1992, Letter transmitting draft trip report for review and comment for Marietta, Pennsylvania on March 11, 1992 (For final trip report, see II-B-20).
II-C-10	Letter, J. Santiago, EPA:OAQPS:ESD:ISB, to Recipients of Secondary Aluminum NESHAP Section 114 Information Collection Request, July 16, 1992, Corrections to 1 equation in Enclosure 1 and 1 equation in Attachment 2.
II-C-11	Letter, J. Crowder, EPA:OAQPS:ESD:ISB, to J. Ogbome, Reynolds Metals Company, Alloys Plant No. 2592, November 25, 1992, Letter transmitting draft trip report for review and comment for Muscle Shoals and Sheffield, Alabama facilities on June 4-5, 1992 (For final trip report, see II-B-23).
II-C-12	Letter, J. Crowder, EPA:OAQPS:ESD:ISB, to L. Held, Reynolds Metals Company, Alabama Reclamation Plant, No. 2592, November 25, 1992, Letter transmitting draft trip report for review and comment for Sheffield, Alabama facility on June 3, 1992 (For final trip report, see II-B-22).
II-C-13	Letter and Attachment, J. Antley, RTI, to S. Moskowitz, Aluminum Recycling Association, March 8, 1993, Enclosing 20 copies of the Follow-Up Information Collection Request for Secondary Aluminum NESHAP Under the Clean Air Amendments, Title IV for distribution to Aluminum Recycling Association member companies (Enclosure: Secondary Aluminum/Aluminum Processing Follow-Up Information Request, March 1993).

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<u>Document No.</u>	<u>Description</u>
II-C-14	Letter and Attachment, J. Antley, RTI, to R. Carwile, Aluminum Association, Incorporated, March 15, 1993, Enclosing 60 copies of the Follow-Up Information Collection Request for Secondary Aluminum NESHAP Under the Clean Air Act Amendments, Title IV for distribution to Aluminum Association member companies (Enclosure: Secondary Aluminum/Aluminum Processing Follow-Up Information Request, March 1993).
II-C-15	Letter, J. Antley, RTI, to S. Moskowitz, Aluminum Recycling Association, March 18, 1993, Enclosing 15 extra copies of the Follow-Up Information Collection Request for Secondary Aluminum NESHAP Under the Clean Air Act Amendments, Title IV for distribution to Aluminum Recycling Association member companies (For copy of attachments, see II-C-14).
II-C-16	Letter, J. Crowder, EPA:OAQPS:ESD:ISB, to G. Zick, Logan Aluminum Incorporated, July 29, 1993, Confirming August 3, 1993 site visit to Russellville, Kentucky facility.
II-C-17	Letter, J. Crowder, EPA:OAQPS:ESD:ISB, to D. Smith, Commonwealth Aluminum Corporation, July 29, 1993, Confirming August 4, 1993 site visit to Lewisport, Kentucky facility.
II-C-18	Letter, J. Crowder, EPA:OAQPS:ESD:ISB, to B. Brown, IMCO Recycling, Incorporated, August 18, 1993, Confirming August 24, 1993 site visit to Uhrichsville, Ohio facility.
II-C-19	Letter, J. Crowder, EPA:OAQPS:ESD:ISB, to B. Leehr, Wabash Alloys, August 18, 1993, Confirming August 25-26, 1993 site visit to Cleveland, Ohio, and Wabash, Indiana facilities.
II-C-20	Letter, J. Crowder, EPA:OAQPS:ESD:ISB, to D. Grimm, Plasma Processing Corporation, August 18, 1993, Confirming August 23, 1993 site visit to Millwood, West Virginia facility.

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II-C-21

Letter, J. Crowder, EPA:OAQPS:ESD:ISB, to T. Murphy, Delta Group, Incorporated, September 23, 1993, Confirming September 28, 1993 site visit to Muskego, Wisconsin facility.

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<u>Document No.</u>	<u>Description</u>
II-D-1	Report (no cover letter attached), Stationary Source Sampling Report, Reynolds Metals Company, Richmond, Virginia, Particulate and Hydrocarbons Emissions Testing Rolling Mills “H” and “L,” October 13-16, 1981.
II-D-2	Report (no cover letter attached), Particulate, Chlorine, Hydrogen Chloride, and Nitrogen Oxides Emissions Testing of Melters 3 and 5 and Holders 3 and 5 at Alcan Aluminum Corporation, Oswego, New York, June 1985.
II-D-3	Report (no cover letter attached), Source Emissions Characterization of the Remelt Area melting and holding Furnaces at Kaiser Aluminum and Chemical Corporation, Trentwood Works, Washington, September 1988.
II-D-4	Report (no cover letter attached), Particulate HCL and Cl ₂ Emission Tests Conducted on the Furnace and Baghouse Stacks, Birmingham, Alabama, prepared by Guardian Systems, Incorporated for Bermco Aluminum, January 26-27, 1989.
II-D-5	Report (no cover letter attached), Mass Emission Tests Conducted on the Shredder Stack, Bessemer, Alabama, Guardian Systems Incorporated, November 21, 1989.
II-D-6	Report (no cover letter attached), Source Emission Testing of the 100 Inch Hot Mill Exhaust at Alcan Rolled Products Company in Oswego, New York, February 1990.
II-D-7	Letter and attachment, P. Blau, Kaiser Aluminum and Chemical Corporation, Trentwood Works, to K. Carpenter, SCAPCA, February 24, 1990, Enclosing report, “Source Emission Evaluation for Kaiser Aluminum and Chemical Corporation, Trentwood Works, Remelt Skim Cooler Baghouse, Remelt Skim Stand Baghouse in Spokane, Washington,” report dated February 16, 1990.

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<u>Document No.</u>	<u>Description</u>
II-D-8	Report (no cover letter attached), Compliance Emission Test Report for Particulates from the North Casthouse Induction Furnace Baghouse at Commonwealth Aluminum in Lewisport, Kentucky, July 6, 1990.
II-D-9	Report (no cover letter attached), Stack Sampling Report for ALCOA Building 88 Furnaces and Number 2 Delac, September 5, 1990.
II-D-10	Report (no cover letter attached), Particulate and Total Gaseous Organic Tests Conducted on the Aluminum Turnings Dryer, Guardian Systems, Incorporated for Bermco Aluminum, October 11, 1990.
II-D-11	Letter and attachment, R. Shafer, Alcan Recycling, to S. Dillis, Permit Review Branch, Division of Air Quality, Kentucky Department for Environmental Protection, December 4, 1990, Enclosing report entitled, “Compliance Emission Testing on the Melt Furnace, Decoater, Hold Furnace, Alpur Filter, Dross Baghouse, Hot and Cold Baghouses,” at Alcan Ingot and Recycling in Berea, Kentucky.
II-D-12	Report (no cover letter attached), Atmospheric Emissions and Overall System Collection Efficiency for Particulates and Lead from the “B” Delacquer Kiln System at Commonwealth Aluminum, Lewisport Rolling Mill, Lewisport, Kentucky, prepared by R.B. Jacko and Associates, March 13, 1991.
II-D-13	Report (no cover letter attached), Stack Sampling of Rolling Mill and Annealing Furnace Emissions for Alcan rolled Products Company, Fairmont, West Virginia, October 1991.
II-D-14	Report (no cover letter attached), Alcoa Building 81 Stack Emissions Characterization, Alcoa, Tennessee, November 1991.

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<u>Document No.</u>	<u>Description</u>
II-D-15	Report (no cover letter attached), Particulate and Gaseous Hydrocarbon Emission from the Busch Pilot Unit Installed at the Outlet of the Five-Stand Cold Mill, prepared for Kaiser Aluminum and Chemical Corporation, Spokane, Washington, prepared by ENSR Consulting and Engineering, November 1991.
II-D-16	Report (no cover letter attached), Compliance Emission Test Report for the “A” and “B” Delacquer Kiln Baghouse, prepared by R.B. Jacko and Associates for Commonwealth Aluminum, November 18-20, 1991.
II-D-17	Report (no cover letter attached), Performance Tests to Quantify the Carbon Monoxide and VOC Destruction and Removal Efficiencies Across the Afterburners Associated with the “A” and “B” Delacquer Kiln Systems at Commonwealth Aluminum, Lewisport Rolling Mill, Lewisport, Kentucky, R.B. Jacko and Associates, December 13, 1991.
II-D-18	Letter and attachment, R. Jacko, R.B. Jacko and Associates, to S. Bruntz, Commonwealth Aluminum, January 22, 1992, Enclosing report entitled, “Compliance Emission Test report for the North Casthouse Degas/Flux Units Baghouse and Dross cooling Baghouse for Commonwealth Aluminum, Lewisport, Kentucky,” dated October 8-9, 1991.
II-D-19	Report (no cover letter attached), Source Test Report, Easco Aluminum, Girard, Ohio, Thermal Oxidizer, VOC, prepared for Easco Aluminum, prepared by Environmental Source Samplers, Incorporated, May 6, 1992.
II-D-20	Report (no cover letter attached), Particulate and Carbon Monoxide Emission Testing, No. 1 Delacquer, Alcoa South Plant, Tennessee, prepared by Hemeon Associates, Incorporated, May 28, 1992.

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<u>Document No.</u>	<u>Description</u>
II-D-21	Letter, M. Tanchuk, Reynolds Metals Company, to J. Antley, RTI, May 28, 1992, Enclosing maps and other information concerning site visit to Reynolds Alabama facilities.
II-D-22	Report (no cover letter attached), Particulate and Gaseous Hydrocarbon Emissions from the Five-Stand Cold Mill, Alloys Plant, Reynolds Metals Company Sheffield, Alabama, June 1992.
II-D-23	Report (no cover letter attached), Stack Test Report for Aluminum Company of American, Building 88 - Can Reclamation - Compliance test results for the crusher venturi scrubber, melt furnace no. 1 and 4, delacquering furnace no. 1 and 2, and skimming baghouse, dated June 1, 1992.
II-D-24	Report (no cover letter attached), Stack Emissions Testing, South Plant, Ingot Furnaces No. 7, 9, 10, Building 081 Emissions Testing performed at Aluminum Company of America, Alcoa, Tennessee, June 30-July 5, 1992.
II-D-25	Report (no cover letter attached), Source Emission Survey of Golden Aluminum Company, San Antonio, Texas, prepared by METCO Environmental for RABA Kistner Consultants, Incorporated, July 1992.
II-D-26	Report (no cover letter attached), Chlorine and Hydrochloric Acid emissions from Melting Furnace 1, Holding Furnace 1, Melting Furnace 6, and Holding Furnace 6, prepared for Kaiser Aluminum and Chemical Corporation, Spokane, Washington, prepared by ENSR Consulting and Engineering, August 1992.
II-D-27	Report (no cover letter attached), Source Test Report, Particulate Matter and Carbon Monoxide Emissions from an Aluminum Scrap Dryer, conducted at Thakar Aluminum Corporation, Corona, California, August 14, 1992.

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<u>Document No.</u>	<u>Description</u>
II-D-28	Report (no cover letter attached), Source Emission Testing of Opacity, Particulate, NO_x, and CO from Melter 1 and Boiler 1, volume I, prepared for Kaiser Aluminum and Chemical Company, Trentwood Works, Washington, prepared by ENSR Consulting and Engineering, September 1992.
II-D-29	Report (no cover letter attached), Emission Point: Cold Mill 88, Stack Emission Collector Inlet Sampling and Analysis, NYS DEC Permit to Construct, Oswego, New York, prepared by Scott Environmental Technology for Alcan Rolled Products Company, location 355600, facility 0004, September 22, 1992.
II-D-30	Report (no cover letter attached), Emission Point: Cold Mill 72 (000A), Stack Emission Collector Inlet Sampling and Analysis, NYS DEC Permit to Construct, Oswego, New York, prepared by Scott Environmental Technology for Alcan Rolled Products Company, location 355600, facility 0004, September 23, 1992.
II-D-31	Report (no cover letter attached), Emission Point: SDC-1, Stack Emission Sampling and Analysis, NYS DEC Certification to Operate, Oswego, New York, prepared by Scott Environmental Technology for Alcan Rolled Products Company, location 355600, facility 0004, September 24, 1992.
II-D-32	Report (no cover letter attached), Emission Point: FM6 Stack Emission Sampling and Analysis, Oswego, New York, prepared by Scott Environmental Technology for Alcan Rolled Products Company, location 355600, facility 0004, September 24-25, 1992.
II-D-33	Report (no cover letter attached), Stack Test Report, VAW of America Reverberatory melt Furnace, Conducted September 29-30, 1992.
II-D-34	Report (no cover letter attached), Stack Test Report for Aluminum Company of America South Plant Operations, building 88 can reclamation melt furnace number 2 particulate emissions, October 21, 1992.

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<u>Document No.</u>	<u>Description</u>
II-D-35	Report (no cover letter attached), Stack Test Report for Aluminum Company of America South Plant Operations, building 88 can reclamation metals emissions, December 8, 1992.
II-D-36	Report (no cover letter attached), Compliance Test Report Particulate and Carbon Monoxide Emission from a Sweat Furnace at Vista Metals Corporation, Fontana, California, December 1992.
II-D-37	Report (no cover letter attached), Compliance Test Report Carbon Monoxide and Particulate Emissions from an Aluminum Melting Furnace at Vista Metals Corporation, Fontana, California, December 23, 1992.
II-D-38	Report (no cover letter attached), Compliance Test Report Carbon Monoxide and Particulate Emissions from a Metal Chip Dryer at Vista Metals Corporation, Fontana, California, December 28, 1992.
II-D-39	Report (no cover letter attached), Emission Testing at Reynolds Metals Company, Louisville Plant No. 1, Mill No. 23, Main Stack in Louisville, Kentucky, January 1993.
II-D-40	Letter and Attachment, L. Held, Reynolds Metals Company, to J. Crowder, EPA:OAQPS:ESD:ISB, January 15, 1993, Enclosing comments for site visit report for June 3, 1992 visit to Reynolds Alabama Reclamation plant (For final trip report see II-B-22).
II-D-41	Report (no cover letter attached), Report on Performance Testing for Reynolds Metals in McCook, Illinois, January 28, 1993.
II-D-42	Report (no cover letter attached), Final Test Report, Particulate Matter and Hydrochloric Acid Emissions Evaluation, SAS, Chattanooga, Tennessee, February 1993.
II-D-43	Letter, R. Lawrence, Alcan Rolled Products Company, to K. Durkee, EPA:OAQPS:ESD:ISB, June 11, 1993, Enclosing supplemental support data concerning rolling mill emissions.

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<u>Document No.</u>	<u>Description</u>
II-D-44	Letter and attachments, D. Smith, Commonwealth Aluminum, to J. Santiago, EPA:OAQPS:ESD:ISB, June 21, 1993, Enclosing 2 reports entitled, “Emissions Testing at Commonwealth Aluminum, Mill 589 exhaust stack, Lewisport, Kentucky,” November 1992, and “Emissions Testing at Commonwealth Aluminum, Mill 589 exhaust stack, Lewisport, Kentucky,” December 1992.
II-D-45	Facsimile, S. Bruntz, Commonwealth Aluminum, to C. Thompson, RTI, July 20, 1993, production data for Commonwealth Aluminum Corporation 589 single stand cold rolling mill during November 1992.
II-D-46	Report (no cover letter attached), Emissions Measurement Test Report, Reynolds Metals Company, Muscle Shoals, Alabama, prepared by Entropy, Incorporated, Report No. 13017, August 1994.
II-D-47	Letter and Attachment, W. Leehr, Connell Limited Partnership, Wabash Alloys, to J. Santiago, EPA:OAQPS:ESD:ISB, October 18, 1994, Enclosing “Test Plan for emissions Measurements at the Wabash, Indiana Facility of Wabash Alloys,” and Appendix A.
II-D-48	Letter and Attachment, S. Bruntz, Commonwealth Aluminum, Lewisport Rolling Mill, to J. Santiago, EPA:OAQPS:ESD:ISB, November 14, 1994, Enclosing “Test Plan for Rotary Delacquer Kiln and In-Line Degas/Fluxing MACT Testing at Commonwealth Aluminum Corporation, Lewisport, Kentucky.”
II-D-49	Letter and Attachment, M. Mantooth, IMCO Recycling of Ohio Incorporated, to J. Santiago, EPA:OAQPS:ESD:ISB, December 1, 1994, Enclosing “Emission Testing Plan for IMCO Recycling of Ohio.”
II-D-50	Report (no cover letter attached), Emissions Testing of Complex No. 8, East Holder and Complex No. 8, Melter No.1 at Aluminum Company of American, Warrick Operations, Newburgh, Indiana, prepared by TRC Environmental Corporation, Report No. 012132-95-014-A, Project No. 18249-0000-00000, February 9-16, 1995.

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<u>Document No.</u>	<u>Description</u>
II-D-51	Report (no cover letter attached), Emissions Testing of Complex No. 1, West Holder and Complex No. 1, Melter No. 3 at Aluminum Company of America, Warrick Operations, Newburgh, Indiana, prepared by TRC Environmental Corporation, Report No. 12132-95-014-B, Project No. 18249-0000-00000, Test dates February 23-March 4, 1995, March 1995.
II-D-52	Report (no cover letter attached), Particulate and Gaseous Emission Study, Aluminum Company of America, Davenport Works, Ingot Plant-Complex 2, 4, and 15, Riverdale, Iowa, Test dates January 5-12, 1995, prepared by Mostardi-Platt Associates, Incorporated, Project Nos. 50111 and 50201, February 28, 1995.
II-D-53	Letter and Attachment, W. Leehr, Connell Limited Partnership, Wabash Alloys, to J. Santiago, EPA:OAQPS:ESD:ISB, March 3, 1995, Enclosing “Test Plan for Emissions Measurements at the Wabash, Indiana Facility of Wabash Alloys,” March 1, 1995, and Appendix A.
II-D-54	Report and attachments, Test Results Summary for Development of MACT Standards at Wabash Alloys, Wabash, Indiana, prepared by Envisage Environmental Incorporated, Report No. 95-1250, April 1995 (9 volumes total –report and Appendices A-H).
II-D-55	Letter and attachment, C. Kucera, Alumax, Incorporated, to J. Santiago, EPA:OAQPS:ESD:ISB, April 7, 1995, Enclosing “Test Plan for Alumax Mill Products, Texarkana, Texas,” revised March 29, 1995.
II-D-56	Letter and Attachment, J. Santiago, EPA:OAQPS, to K. Durkee, EPA:OAQPS, April 18, 1995, Enclosing draft test report for sweat furnace at Rochester Aluminum Corporation and comments on draft test results (Test report entitled, “Draft Test Report, Secondary Aluminum Emission Test, Rochester Aluminum Smelting Corporation, Rochester, New York, April 1995,” prepared by Entropy Incorporated for EPA:SCG, EPA Contract No. 68-D2-0163).

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<u>Document No.</u>	<u>Description</u>
II-D-57	Report (no cover letter attached), Source Emission Evaluation Test Plan, Kaiser Aluminum and Chemical Corporation Trentwood Works Skim Cooler Baghouse, Spokane, Washington, Emissions Testing Program, April 20, 1995.
II-D-58	Letter and attachment, J. Krisak, Envisage Environmental Incorporated, to J. Santiago, EPA:OAQPS:ESD:ISB, April 21, 1995, Enclosing “Emissions Testing Plan for IMCO Recycling of Ohio,” and Appendix A.
II-D-59	Letter and Attachment, M. Palazzolo, Aluminum Company of America, to J. Santiago, EPA:OAQPS:ESD:ISB, May 15, 1995, Enclosing final test report for ingot furnace and filter box emissions testing and discussion of test report results (Test report entitled, “Source Test Report, Source Emission Testing of Three Ingot Furnaces and Filter Boxes at Aluminum Company of American, Massena, New York”, Galson Corporation, Project No. GE459, January 20, 1995).
II-D-60	Letter and attachment, P. Kopach, First Mississippi Corporation, Plasma Process Corporation, to J. Santiago, EPA:OAQPS:ESD:ISB, June 5, 1995, Enclosing “Emission Test Plan for Measurement of Hazardous Air Pollutants from an Aluminum Recovery Operation at Plasma Processing Corporation,” May 1995.
II-D-61	Letter and Attachment, M. Palazzolo, Aluminum Company of America, Alcoa Technical Center, to J. Santiago, EPA:OAQPS:ESD:ISB, June 8, 1995, Enclosing test report and discussion on furnace fluxing practices (Test report entitled, “Salt Addition to Round Top Charge Melter Furnace, South Ingot Furnace No. 11, Aluminum Company of America, Tennessee Operations-Alcoa, TN,” TRC Environmental Corporation, Report No. 012132-95-004, Project No. 17375-0000-00000, December 1994; Some data considered to be Confidential Business Information).

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<u>Document No.</u>	<u>Description</u>
II-D-62	Letter and Attachment, M. Palazzolo, Aluminum Company of America, Alcoa Technical Center, to J. Santiago, EPA:OAQPS:ESD:ISB, June 9, 1995, Enclosing correction pages to previously submitted test report.
II-D-63	Report (no cover letter attached), Measurement of Hazardous Air Pollutants from Aluminum Melt Furnace Operations at Ravenswood Aluminum Corporation, Incorporated, Project No. IKM-0226, July 1995.
II-D-64	Letter and Attachment, S. Bruntz, Commonwealth Aluminum Corporation, to J. Santiago, EPA:OAQPS:ESD:ISB, July 5, 1995, Enclosing stack test report and discussion of test report results, Test report entitled, “MACT Emission Testing of the ‘B’ Rotary Kiln at Commonwealth Aluminum Corporation, Lewisport, Kentucky” (9 volumes total–report and 8 volumes of appendices).
II-D-65	Letter and Attachment, S. Bruntz, Commonwealth Aluminum, to J. Santiago, EPA:OAQPS:ESD:ISB, July 19, 1995, Enclosing emission sampling report entitled “MACT Emission Testing of the In-line Degas/Fluxing System at Commonwealth Aluminum Corporation, Lewisport, Kentucky” (5 volumes total–report and 4 volumes of appendices).
II-D-66	Report (no cover letter attached), Source Emissions Survey of Alumax Mill Products Incorporated, Dross Baghouse Inlet Duct, Dross Baghouse Stack, Nash, Texas, METCO Environmental for Alumax Mill Products Incorporated, File No. 95-11, July/August 1995.
II-D-67	Report (no cover letter attached), Source Emission Evaluation Report, Skim Cooler Baghouse Emissions Testing Program, Trentwood Works, Spokane, Washington, Amtest Air Quality, Incorporated for Kaiser Aluminum and Chemical Corporation, Test dates April 25-28 1995, Report dated August 24, 1995.

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<u>Document No.</u>	<u>Description</u>
II-D-68	Report (no cover letter attached), Stack Emission Testing of the South Casthouse #7 Holding Furnace, Lewisport, Kentucky, prepared by R.B. Jacko for Commonwealth Aluminum Corporation, August 30, 1995.
II-D-69	Letter and attachment, S. Bruntz, Commonwealth Aluminum corporation, to J. Santiago, EPA:OAQPS:ESD:ISB, September 29, 1995, Enclosing report entitled, “MACT Emission Testing of the North Casthouse In-Line Degas System,” Lewisport, Kentucky, prepared by R.B. Jacko for Commonwealth Aluminum Corporation, report dated, September 6, 1995.
II-D-70	Letter and Attachment, R. Hovan, Envisage Environmental Incorporated, to M. Mantooth, IMCO Recycling of Ohio, October 24, 1995, Enclosing report of emission evaluation results from testing conducted August 15-16, 1985 at Uhrichsville, Ohio Facility (Test report entitled, “Emission Evaluation for Particulate, Metals, HCL, HF, Cl₂, and VOC’s Inlet and Exhaust Ducts of the “E” Furnace Baghouse,” Report No. 95-1803/2908, prepared by Envisage Environmental Incorporated for IMCO Recycling).
II-D-71	Letter and Attachment, S. DuBois, Alcan Corporation, to J. Santiago, EPA:OAQPS:ESD:ISB, 1996, Enclosing performance testing report and comments on delaquerer PM limitation (Test report entitled, “Performance Testing of Facility Recycle II at Alcan Rolled Products Company, Oswego, New York, March 1996).
II-D-72	Letter and Attachment, S. DuBois, Alcan Corporation, to J. Santiago, EPA:OAQPS, 1996, Enclosing stack test data from Alcan Oswego and Alcan Berea moving belt delaquerers and a discussion of the data.

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<u>Document No.</u>	<u>Description</u>
II-D-73	Letter and Attachment, N. Schwartz, Roth Brothers Smelting Corporation, to J. Santiago, EPA:OAQPS, January 22, 1996, Enclosing Source Test Reports for Aluminum Crusher Dryer Process and Aluminum Reveratory Process (Test report entitled, “Source Test Report, Emission Points EP00012 and EP00023, Roth Brothers Smelting Corporation, Syracuse, New York,” Galson Corporation, July 1995).
II-D-74	Facsimile Cover Letter and Attachment, E. Marcum, Envisage Environmental Incorporated, to J. Santiago, EPA:OAQPS, January 29, 1996, Enclosing results of Method 9 and 22 tests conducted for Wabash Alloys.
II-D-75	Letter and Attachment, E. Marcum, Envisage Environmental Incorporated, to J. Santiago, EPA:OAQPS, March 6, 1996, Enclosing adjustment of data on Side Well Furnace #5 at Wabash Alloys in Wabash, Indiana and a discussion of the adjusted data.
II-D-76	Report (no cover letter attached), Particulate and Gaseous Emission Study, Davenport Works - Ingot Plant No. 4 and No. 6 Holder, Riverdale, Iowa, Mostardi Platt for Aluminum Company of America, June 1996, 2 volumes total.
II-D-77	Report (no cover letter attached), Emissions Testing Program DC #2 East and West Melter, DC #2 Holder, Trentwood Works, Spokane, Washington, prepared by Amtest-Air Quality, UC for Kaiser Aluminum and Chemical Corporation, June 18-20, 1996.
II-D-78	Report (no cover letter attached), Test Protocol Emissions testing at the IMCO Recycling, Incorporated, Facility in Uhrichsville, Ohio, July 1996.

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<u>Document No.</u>	<u>Description</u>
II-D-79	Letter and Attachment, S. Bruntz, Commonwealth Aluminum Corporation, to J. Santiago, EPA:OAQPS:ESD:ISB, July 11, 1996, Enclosing supporting data for graphs of the performance of the “B” delacquer kiln baghouse and degas/flux units baghouse at Commonwealth Aluminum, Lewisport, which were presented on June 12, 1996.
II-D-80	Letter and Attachment, M. Palazzolo, Aluminum Company of America, Alcoa Technical Center, to J. Santiago, EPA:OAQPS:ESD:ISB, July 19, 1996, Enclosing, “Site Test Plan, Chip Dryer Exhaust, Aluminum Company of America, Massena, New York,” July 12, 1996.
II-D-81	Letter and Attachment, J. Oven, Roy F. Weston, Incorporated, to J. Santiago, EPA:OAQPS:ESD:ISB, July 26, 1996, Enclosing “Test Protocol Emission testing at the IMCO Recycling, Incorporated, Facility in Uhrichsville, Ohio.”
II-D-82	Report (no cover letter attached), Scrap Dryer and Reverberatory Furnace Emission Test Report, Wabash, Indiana, prepared by Roy Weston for Wabash Alloys, Work Order No. 11590-001-001, August 1996, 2 volumes total.
II-D-83	Report (no cover letter attached), Particulate HCL, Cl ₂ , & VOC Emissions Conducted on #5 Furnace of Alabama Reclamation Plant, Reynolds Metals Company, Muscle Shoals, Alabama, prepared by Guardian Systems Incorporated for ERM-Southeast Incorporated, August 27, 1996.
II-D-84	Report (no cover letter attached), Multiple Metal Emissions and Polychlorinated Dibenzo-P-Dioxins & Polychlorinated Dibenzofurans Emissions Conducted on #5 Furnace of Alabama Reclamation Plant, Reynolds Metals Company, Muscle Shoals, Alabama, prepared by Guardian Systems Incorporated for ERM-Southeast Incorporated, August 28, 1996.

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<u>Document No.</u>	<u>Description</u>
II-D-85	Report (no cover letter attached), MACT Standard Development Emission Test Report, Uhrichsville, Ohio Facility, prepared by Roy F. Weston Incorporated for IMCO Recycling, Incorporated, Work Order No. 11441-002-001, August 1996.
II-D-86	Letter and Attachment, S. Bruntz, Commonwealth Aluminum Corporation, to J. Santiago, EPA:OAQPS:ESD:ISB, October 15, 1996, Enclosing Stack Test Report and discussion of test report results (Test Report titled, “Stack Emission Testing of the South Casthouse #7 Holding Furnace at Commonwealth Aluminum Corporation, Lewisport, Kentucky”).
II-D-87	Letter and Attachment, S. Darling, Alcoa, to J. Santiago, EPA:OAQPS, November 14, 1996, Enclosing emissions test report from chip dryer at Massena, New York Operations and discussion of test report results (Test report entitled, “Source Test Report, Chip Dryer Exhaust, Galson Corporation, November 1996).
II-D-88	Letter and Attachment, K. Williams, Wabash Alloys, to J. Santiago, EPA:OAQPS:ESD, December 11, 1996, Enclosing corrected tables prepared by Weston Incorporated.
II-D-89	Report (no cover letter attached), Source Emissions Testing of a Clean Charge, Salt Fluxed Melting Furnace Alcoa Tennessee Operations South Ingot Operation, prepared by TRC Environmental Corporation for Aluminum Company of America, Project No. 21827-0010, January 1997, 2 volumes.
II-D-90	Letter and Attachment, P. Blau, Kaiser Aluminum, to J. Santiago, EPA:OAQPS, February 24, 1997, Enclosing WDOE Emissions Test Report from May 2, 1979 and discussion of the MACT emission standard on Trentwood Induction Furnace operation.
II-D-91	Letter, R. Strieter, The Aluminum Association, to J. Santiago, EPA:OAQPS:ESD:ISB, April 24, 1997, Discussion concerning the definition of “limited reactive fluxing.”

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<u>Document No.</u>	<u>Description</u>
II-D-92	Letter and attachment, R. Strieter, The Aluminum Association, to J. Santiago, EPA:OAQPS:ESD:ISB, June 17, 1997, Enclosing white paper on total hydrocarbon continuous emissions monitors.
II-D-93	Letter and attachments, R. Fulton, Jr., Jefferson County Department of Health, Air Pollution and Solid Waste Division, to J. Santiago, EPA:OAQPS:ESD:ISB, May 16, 1997, Enclosing 2 stack test reports for Berman Brothers – Secondary Aluminum Smelters, reports entitled, “Particulate, HCL, HF, and CL₂ Emissions Tests Conducted on the Furnace and Baghouse Stacks in Birmingham, Alabama, for Bermco on October 2, 1992,” and “Visual, Particulate, HCL, and CL₂ Emission Tests Conducted on the Baghouse Stack in Birmingham, Alabama, for Bermco on October 23, 1992.”
II-D-94	Letter and attachment, C. Cardounel, Reynolds Metals Company, St. Lawrence Reduction Plant, to J. Santiago, EPA:OAQPS:ESD:ISB, July 7, 1997, Enclosing 6 attachments discussing emission testing on a front charge Group 3 type furnace and report entitled, “Source Test Final Report for Reynolds Metals Company in Massena, New York,” dated June 17, 1997.
II-D-95	Letter, L. Hansen, Procedair Industries Corporation, to W. Neuffer, EPA:OAQPS:ESD:ISB, July 31, 1997, introduction to Procedair Industries and their experience with supply of dry scrubbers to the ceramic and brick industries.
II-D-96	Letter, R. Strieter, The Aluminum Association, to J. Santiago, EPA:OAQPS:ESD:ISB, August 26, 1997, discussion of The Aluminum Association’s issues concerning the proposal of a 95 percent HCL removal efficiency requirement for new and existing Group 1 furnaces.
II-D-97	Letter, M. Palazzolo, Alcoa, to J. Santiago, EPA:OAQPS:ESD, October 3, 1997, discussion of The Aluminum Association’s issues concerning the proposal of a 95 percent HCL removal efficiency requirement for new and existing Group 1 furnaces.

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<u>Document No.</u>	<u>Description</u>
II-D-98	Memorandum, D. Colville, RTI, to Docket, October 6, 1997, Section 114 ICR responses to first ICR mailed out May 1992.
II-D-99	Memorandum, S. George, RTI, to Docket, October 6, 1997, Section 114 ICR responses to second ICR mail out March 1993.
II-D-100	Letter and attachment, D. Bell, Mostardi Platt, to M. Palazzolo, ALCOA, December 8, 1997, explaining and including revised tables from the Particulate and Gaseous Emission Study performed on the Alcoa No. 4 Holder Stack at the Davenport Works in Riverdale, Iowa in June 1996.
II-D-101	Letter, M. Palazzolo, ALCOA, to J. Santiago, EPA:OAQPS:ESD, December 9, 1997, summarizing 1) data on emission tests conducted on a melting furnace at Alcoa's Tennessee Operations, 2) corrected tables for dioxin tests conducted on the Unit No. 4 holding furnace at Alcoa's Davenport Works, and 3) the reasons for supporting the Group 3 pollution prevention category.
II-D-102	Letter and attachment, P. Blau, Kaiser Aluminum, to J. Santiago, EPA:OAQPS:ESD, October 17, 1997, regarding the actual cost to install and operate the opacity monitoring system at the Kaiser Trentwood Works in Spokane, WA.
II-D-103	Letter, R. Strieter, Reynolds Metals Company, to J. Santiago, EPA:OAQPS:ESD, May 29, 1998, response to the Status Report on Secondary Aluminum MACT Development.
II-D-104	Letter, K. Bald, Reynolds Metals Company, to J. Santiago, EPA:OAQPS:ESD, August 7, 1998, regarding Secondary Aluminum MACT Development rule provisions discussed in a May, 1998 meeting.
II-D-105	Memorandum, M. Wright, RTI, to Docket, September 25, 1998, Computer diskette containing databases for the Secondary Aluminum NESHAP.

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<u>Document No.</u>	<u>Description</u>
II-D-106	Letter and attachment , J. Ogbome, Reynolds Metals Company (Muscle Shoals, Alabama), to J. Crowder, EPA:OAQPS:ESD:ISB, January 21, 1993, Enclosing site visit report (with comments) conducted on June 4-5, 1992 (For final report see II-B-23).
II-D-107	Letter, J. Ogbome, Reynolds Metals Company (Muscle Shoals, Alabama), to J. Crowder, EPA:OAQPS:ESD:ISB, Stating that the site visit report, conducted on June 4-5, 1992, does not contain Confidential Business Information (For final report see II-B-23).
II-D-108	Report (No cover letter attached), Source Test Report HCL Emissions on Unit 3, Reynolds Metals Company, Massena, New York, October 17, 1997, prepared by Adirondack Environmental Services, Incorporated, Prepared for T. Weissinger, Reynolds Metals Company.
II-D-109	Letter and attachments, J. Vinzant, Kaiser Aluminum, to J. Crowder, EPA:OAQPS:ESD:ISB, October 16, 1998, Enclosing comments on the September 14, 1998 Section 112(k) Urban Air Toxics Strategy Federal Register notice (Enclosing comments dated October 9, 1998; comments dated September 21, 1998; and Letter, R. Strieter, The Aluminum Association, to Air Task Force, May 3, 1996, Enclosing model plant parameters for the Human Exposure Model).
II-D-110	Memorandum, D. Young, RTI, to Docket, November 19, 1998, List of companies whose 114 ICR responses to the first and second ICR mailings are deemed to be confidential business information.
II-D-111	Letter, J. Collins, Aluminum Shapes, LLC, to Docket, November 30, 1998, Providing comments for the Integrated Urban Air Toxics Strategy and the Secondary Aluminum MACT Standard.
II-D-112	Letter, T. Houf, Pennex Aluminum Company, to Docket, December 1, 1998, Providing comments for the Integrated Urban Air Toxics Strategy and the Secondary Aluminum MACT Standard.

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<u>Document No.</u>	<u>Description</u>
II-D-113	Facsimile, R. Pollock, Albex Aluminum, to Docket, December 1, 1998, Providing comments for the Integrated Urban Air Toxics Strategy and the Secondary Aluminum MACT Standard.
II-D-114	Letter, C. Buck, Central Aluminum Company, to Docket, December 1, 1998, Providing comments for the Integrated Urban Air Toxics Strategy and the Secondary Aluminum MACT Standard.
II-D-115	Letter, R. Rhymer, Loxcreen Company, Incorporated, to Docket, December 2, 1998, Providing comments for the Integrated Urban Air Toxics Strategy and the Secondary Aluminum MACT Standard.
II-D-116	Letter, R. Rosewicz, Wells Aluminum Corporation, to Docket, December 2, 1998, Providing comments for the Integrated Urban Air Toxics Strategy and the Secondary Aluminum MACT Standard.
II-D-117	Letter, J. Vinzant, Kaiser Aluminum, D. Arbuckle, Acting Administrator of OIRA, OMB, December 11, 1998, Commenting on area sources subject to Secondary Aluminum NESHAP.

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EPA Memoranda of Meetings and Telephone Conversations With Outside Persons

<u>Document No.</u>	<u>Description</u>
II-E-1	Memorandum, J. Cole, RTI, to W. Maxwell, EPA:OAQPS, January 31, 1992, Summary of January 29, 1992 meeting between EPA, RTI, and Aluminum Association Representatives.
II-E-2	Memorandum, J. Antley, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, May 18, 1992, Summary of March 26, 1992 meeting between EPA and Aluminum Recycling Association Representative (Revised Minutes).
II-E-3	Memorandum, P. Lowen, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, October 19, 1992, Summary of July 23, 1992 meeting of EPA, RTI, and Aluminum Association Representatives.
II-E-4	Memorandum, J. Antley, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, March 18, 1993, Revised summary of February 18, 1993 meeting minutes for meeting between Aluminum Recycling Association and EPA.
II-E-5	Memorandum, C. Thompson, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, June 23, 1993, Summary of May 11, 1993 meeting minutes for meeting between Aluminum Association and EPA.
II-E-6	Memorandum, C. Thompson, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, September 10, 1993, Summary of August 31, 1993 meeting minutes for meeting between Aluminum Association and EPA.
II-E-7	Memorandum, C. Thompson, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, October 19, 1993, Summary of August 31, 1993 meeting minutes for meeting between Aluminum Association and EPA.
II-E-8	Memorandum, J. Santiago, EPA:OAQPS:ESD:ISB, to K. Durkee, EPA:OAQPS:ESD:ISB, November 18, 1993, Summary of November 4, 1993 meeting minutes for meeting between Aluminum Association and EPA.

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<u>Document No.</u>	<u>Description</u>
II-E-9	Memorandum, J. Santiago, EPA:OAQPS:ESD:ISB, to K. Durkee, EPA:OAQPS:ESD:ISB, undated, Summary of February 17, 1994 meeting minutes for meeting between Aluminum Association and EPA.
II-E-10	Memorandum, J. Santiago, EPA:OAQPS:ESD:ISB, to K. Durkee, EPA:OAQPS:ESD:ISB, undated, Summary of May 4, 1994 meeting minutes for meeting between Aluminum Association and EPA (revised draft).
II-E-11	Memorandum, J. Santiago, EPA:OAQPS:ESD:ISB, to K. Durkee, EPA:OAQPS:ESD:ISB, undated, Summary of June 13, 1994 meeting minutes for meeting between Aluminum Association and EPA.
II-E-12	Memorandum, J. Santiago, EPA:OAQPS:ESD:ISB, to K. Durkee, EPA:OAQPS:ESD:ISB, undated, Summary of June 15, 1994 meeting minutes for meeting between Aluminum Association and EPA.
II-E-13	Memorandum, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, June 20, 1995, Summary of May 18, 1995 meeting minutes for meeting between Aluminum Association and EPA.
II-E-14	Memorandum, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, June 20, 1995, Summary of June 12, 1995 initial P-MACT Teleconference.
II-E-15	Memorandum, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, December 12, 1995, Summary of November 30, 1995 meeting minutes for meeting between Aluminum Association and EPA.
II-E-16	Memorandum, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, October 17, 1996, Summary of January 25, 1996 meeting minutes for meeting between Aluminum Association and EPA.
II-E-17	Memorandum, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, October 17, 1996, Summary of March 5-6, 1996 meeting minutes for meeting between Aluminum Association and EPA.

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<u>Document No.</u>	<u>Description</u>
II-E-18	Memorandum, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, October 17, 1996, Summary of May 15, 1996 meeting minutes for meeting between Aluminum Association and EPA.
II-E-19	Memorandum, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, October 17, 1996, Summary of May 16, 1996 meeting minutes for meeting between Aluminum Association and EPA.
II-E-20	Memorandum, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, October 17, 1996, Summary of July 31, 1996 meeting minutes for meeting between Aluminum Association and EPA.
II-E-21	Memorandum, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, October 17, 1996, Summary of August 8, 1996 meeting minutes for meeting between North American Die-Casting Association and EPA.
II-E-22	Memorandum, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, November 13, 1996, Summary of October 31, 1996 meeting minutes for meeting between Aluminum Association and EPA.
II-E-23	Memorandum, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, November 18, 1996, Summary of September 19, 1996 meeting minutes for meeting between Aluminum Association and EPA.
II-E-24	Memorandum, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, February 12, 1997, Summary of January 7-8, 1997 meeting minutes for meeting between Aluminum Association and EPA.
II-E-25	Memorandum, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, March 26, 1997, Summary of March 25, 1997 meeting minutes for meeting between Aluminum Association and EPA.
II-E-26	Memorandum, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, June 9, 1997, Summary of May 7, 1997 meeting minutes for meeting between Aluminum Association and EPA.

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<u>Document No.</u>	<u>Description</u>
II-E-27	Presentation handout, J. Santiago, EPA:OAQPS:ESD:ISB, to B. Jordan, EPA:OAQPS:ESD, August 28, 1997, Presentation material discussing HCL HEM results.
II-E-28	Memorandum, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, October 6, 1997, Summary of February 5, 1997 teleconference between Aluminum Association and EPA.
II-E-29	Memorandum and attachments, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, October 31, 1997, Summary of October 8, 1997 meeting minutes between Kaiser Aluminum and EPA (Attaching list of attendees and handout from Kaiser Aluminum).
II-E-30	Memorandum and attachments, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, November 3, 1997, Summary of October 23, 1997 meeting minutes between Reynolds Metals and EPA (Attaching list of attendees and meeting handout).
II-E-31	Memorandum and attachments, M. Wright, RTI, to J. Santiago, EPA:OAQPS:ESD:ISB, November 12, 1997, Summary of October 21, 1997 meeting minutes between Century Aluminum and EPA (Attaching list of attendees and meeting handout).

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Interagency Review Materials

<u>Document No.</u>	<u>Description</u>
II-F-1	Memorandum, D. Young, RTI, to Docket, December 22, 1998, Items sent to OMB for Review.
II-F-2	Redline/Strike-Out Package, Preamble and Regulation for the Secondary Aluminum NESHAP, Includes form of compliance with E.O. 12866 Docket Requirements.
II-F-3	Final Package, Preamble and Regulation for the Secondary Aluminum NESHAP.

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References *Not* Readily Available to the Public Elsewhere

<u>Document No.</u>	<u>Description</u>
II-I-1	Permit, Permit to construct and operate for Alumax Mill Products, Incorporated, Riverside, California.
II-I-2	Text, Chlorine and Hydrogen Chloride, Medical and Biologic Effects of Environmental Pollutants, National Academy of Sciences, Washington, DC, 1976, pp. 85-86, 145-153, 161, and 163-174.
II-I-3	Paper, Upgrading Aluminum Scrap Melter Operation, R. Reed and R. Marshall, North American Manufacturing Company, presented at the International Symposium on Recycle and Secondary Recovery of Metals and the Fall Extractive and Process Metallurgy, December 1-4, 1985.
II-I-4	Abstract, Impurity Control in Aluminum Alloy Melting Processes Using the Gas Injection Pump, D. Neff, Metallurgical Systems, presented at Conference of Molten Aluminum Processing, 1986, pp. 341-368.
II-I-5	Text, Standard Industrial Classification Manual, National Technical Information Service, 1987, pp. 176-181.
II-I-6	Paper, A System for Processing Aluminum Dross in Reduced Oxygen Environment, R. Roberts, SECO/WARWICK Corporation, AFS Transactions, volume 97, 1989, pp. 281-284.
II-I-7	Abstract, Use of Sulfur Hexafluoride in Aluminum Degassing, D. Saha, Air Products & Chemicals, Incorporated, and D. Fay, Uni-Cast, presented at Second International Conference on Molten Aluminum Processing, November 1989, pp. 22-1 through 22-25.
II-I-8	Article, Recycling of Nonferrous Alloys, E. Rooy, Aluminum Company of America, and J. Van Linden, Alcoa Laboratories, Recycling of Aluminum Properties and Selection, Nonferrous Alloys and Special Purpose Materials, volume 2, 1990, pp. 1205-1213

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Items Considered in Developing Proposal
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References *Not* Readily Available to the Public Elsewhere

<u>Document No.</u>	<u>Description</u>
II-I-9	Abstract, The Alcan Plasma Dross Treatment Process, A New Salt-Free Dross Processing Technology, S. Lavoie, C. Dubé, and G. Dubé, Alcan International Limited, presented at Second International Symposium–Recycling of Metals and Engineered Materials, 1990.
II-I-10	Report, Determination of Emission at Arkansas Aluminum Alloys, November 1990.
II-I-11	Text, NIOSH Recommendations for Occupational Safety and Health, Compendium of Policy Documents and Statement, by US Department of Health and Human Services, Public Health Service, Centers for Disease Control, National Institute for Occupational Safety and Health, Divisions of Standards Development and Technology Transfer, January 1992, p. 124.
II-I-12	Letter, F. Curtis, Analyzers, Controls, and Systems, Incorporated, to R. Fulton, Jefferson County Department of Health, November 11, 1992, discussing the reason for recommending draft EPA Test Method 26A for testing a secondary aluminum plant for HCL and free chlorine.
II-I-13	Letter and attachment, M. MacDonald, Alumax Incorporated, to R. Carwile, The Aluminum Association, January 13, 1993, Enclosing report entitled, “Measurement of Air Emission at an Aluminum Rolling Mill Utilizing Open Path FTIR,” dated, January 12, 1993.
II-I-14	Letter and response letter, R. Williams, E.F. Houghton and Company, to D. Smith, Commonwealth Aluminum, June 2, 1993, statement: Cindol CR-78K does not contain any ingredient that would appear on the list of HAP regulated by the CAA and response letter, R. Omiechinski, D.A. Stuart Company, to D. Smith, Commonwealth Aluminum, June 14, 1993, response concerning compliance of subject products to the 1990 CAA HAP list.

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Items Considered in Developing Proposal
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References *Not* Readily Available to the Public Elsewhere

<u>Document No.</u>	<u>Description</u>
II-I-15	Letter, R. Biles, Exxon Company, USA, to K. Harney, Commonwealth Aluminum, Lewisport Rolling Mill, June 8, 1993, Enclosing list of HAPs that might be found in NORPAR 15.
II-I-16	Memorandum, D. Young, RTI, to Docket, December 22, 1998, References used in the Economic Impact Analysis for the Proposed Secondary Aluminum Industry NESHAP (For report see II-A-8).

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Subcategory II-J

Miscellaneous *Federal Register* Notices Published During Proposal Development

<u>Document No.</u>	<u>Description</u>
II-J-1	<i>Federal Register</i> , Notice of initial list of categories of major and area sources, 57 FR 31576-31592, July 16, 1992.
II-J-2	<i>Federal Register</i> , Notice of draft list of source categories for regulation under section 112(d) of the Clean Air Act, 62 FR 33625-33639, June 20, 1997.
II-J-3	<i>Federal Register</i> , Regulatory Agenda, 62 FR 58079-58195, Sequence Number 3490, NESHAP: Secondary Aluminum Industry (p. 58154) October 29, 1997.
II-J-4	<i>Federal Register</i> , Notice of list of source categories for regulation under section 112(d) of the Clean Air Act, 63 FR 17838-17855, April 10, 1998.

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Subcategory III-A
Notice of Proposed Rulemaking**

Document No.

Description

III-A-1

64 FR 6946-7025 (Proposed Rule), *Federal Register*, National Emission Standards for Hazardous Air Pollutants: Secondary Aluminum Production, February 11, 1999.

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Additional Items Considered after Proposal, in Developing Final Rule
Subcategory IV-A
Additional EPA Studies or Contractor Reports

<u>Document No.</u>	<u>Description</u>
IV-A-1	Report, The Measurement Solution: Using a Temporary Total Enclosure for Capture Efficiency Testing, EPA publication number EPA-450/4-90-020, EPA:ESD:OAQPS:CPB, August 1991.
IV-A-2	Report, Emissions Testing at Culp Aluminum Alloys, Steele, Alabama, prepared for EPA, prepared by Midwest Research Institute, contract number 68-D-98-027, May 21, 1999.

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Subcategory IV-B
Additional EPA Factual Memoranda

<u>Document No.</u>	<u>Description</u>
IV-B-1	Memorandum, D. Green and M. Laney, RTI, to J. Santiago, EPA:OAQPS:ESD:MICG, June 1, 1999, Memo concerning Bermco Aluminum uncontrolled hearth sidewall furnace test.
IV-B-2	Memorandum, E. Heath, RTI, to M. Laney, D. Coy, and D. Green, RTI, July 14, 1999, Draft Memo concerning Gibbs Free Energy Change of Reaction for Salts.
IV-B-3	Memorandum and attachment, T. Curran, EPA:ITPID, to Addressees, December 4, 1998, Discussing the treatment of aluminum die casting operations for the purpose of new source review applicability (Attaching EPA's Analysis of Die Casting Operations, List of addressees attached).
IV-B-4	Memorandum, J. Santiago, EPA:OAQPS:ESD:MICG, to Docket, December 9, 1999, Cost analysis for sweat furnace operations, aluminum die casting facilities, and aluminum foundries.
IV-B-5	Memorandum and attachment, M. Laney, RTI, to Docket, December 14, 1999, Model plant costs and projected nationwide costs - Secondary Aluminum Production NESHAP.
IV-B-6	Memorandum and attachment, M. Laney, RTI, to Docket, December 9, 1999, Cost and economic analysis in support of final Secondary Aluminum Production NESHAP (For references see IV-J-3).
IV-B-7	Memorandum and attachment, M. Laney, RTI, to Docket, December 14, 1999, Model plant analysis summary - Secondary Aluminum Production NESHAP
IV-B-8	Memorandum, J. Santiago, EPA:OAQPS:ESD:MICG, to K. Durkee, EPA:OAQPS:ESD:MICG, December 15, 1999, Information concerning Secondary Aluminum Operations provided by die casting industry.

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Additional Comments Received

<u>Document No.</u>	<u>Description</u>
IV-D-1	Letter, K. Bald, Reynolds Metals Company, to J. Crowder, EPA:OAQPS:ESD:MICG, March 18, 1999, Requesting 60-day extension of public comment period.
IV-D-2	Letter, K. Woodrow, Baker and Hostetler, LLP, Counsel for the Aluminum Association, Incorporated, to Docket, March 23, 1999, Requesting 30-day extension of public comment period.
IV-D-3	Electronic mail, D. Newton, Naval Facilities Engineering Service Center, to J. Santiago, EPA:OAQPS:ESD:MICG, March 25, 1999, Enclosing comments from B. Fujimoto, Pacific Division, Naval Facilities Engineering Command about proposed NESHAP for secondary aluminum production.
IV-D-4	Electronic mail, M. Palazzolo, Alcoa, Incorporated, to K. Durkee and J. Santiago, EPA:OAQPS:ESD:MICG, March 29, 1999, Enclosing comments concerning area source issue of proposed NESHAP for secondary aluminum production.
IV-D-5	Letter and attachment, D. Mount, North Dakota Department of Health, to Docket, April 4, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-6	Letter, M. Ling, Cambridge Health Project, to Docket, April 5, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-7	Letter and attachment, J. Pettit, United Group, Incorporated, to Docket, April 6, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-8	Letter and attachment, K. Bald, Reynolds Metals Company, to Docket, April 8, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.

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Additional Comments Received

<u>Document No.</u>	<u>Description</u>
IV-D-9	Letter and attachment, G. Graban, Century Aluminum of West Virginia, Incorporated Ravenswood Operations, to Docket, April 8, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-10	Electronic mail, A. Stein, TST, Incorporated, to Docket, April 8, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-11	Letter and attachment, S. Bruntz, Commonwealth Industries, Incorporated, to Docket, April 9, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-12	Letter, G. Walker and D. Twarog, North American Die Casting Association, to Docket, April 9, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-13	Letter, G. Smarte, Vista Metals Corporation, to Docket, April 9, 1999, Enclosing initial written comments concerning proposed NESHAP for secondary aluminum production.
IV-D-14	Letter, C. Johnson, New York Department of Environmental Conservation, Office of Air and Waste Management, to Docket, April 9, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-15	Letter, D. Gallogly, Werner Company, to Docket, April 9, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-16	Letter and attachment, D. Sanford, Aluminum Extruders Council, to Docket, April 9, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.

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<u>Document No.</u>	<u>Description</u>
IV-D-17	Letter and attachments, M. Palazzolo, Alcoa Incorporated, to Docket, April 9, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-18	Letter, K. Bowden, Delphi Automotive Systems, to Docket, April 12, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-19	Letter, R. Fletcher, California Air Resources Board, Emissions Assessment Branch, to Docket, April 12, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-20	Electronic mail and attachment, P. Maciejewski, General Motors Corporation, to Docket, April 12, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-21	Letter and attachment, D. Jezouit, Baker and Botts, LLP, Counsel to the American Foundrymen's Society, to Docket, April 12, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-22	Letter, S. DuBois, Alcan Aluminum Corporation, to Docket, April 12, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-23	Letter and attachments, R. Strieter, The Aluminum Association, Incorporated, to Docket, April 12, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-24	Letter and attachment, K. Vigeland, Spokane County Air Pollution Control Authority, to Docket, April 7, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.

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<u>Document No.</u>	<u>Description</u>
IV-D-25	Letter, E. Campobenedetto, Institute of Clean Air Companies, to Docket, April 8, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-26	Letter, M. Coffman, Hayes Lemmerz International, Incorporated, to Docket, April 8, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-27	Letter, T. Tyler, Institute of Scrap Recycling Industries, Incorporated, to Docket, April 12, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-28	Letter, T. Snell, The William L. Bonnell Company, Incorporated, to Docket, April 12, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-29	Letter, J. Van Houten, Lan Associates, Incorporated, to Docket, April 12, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-30	Letter and attachment, K. Butt, Toyota Motor Manufacturing North America, Incorporated, to Docket, April 12, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-31	Letter and attachment, W. Wooster, Goldendale Aluminum Company, to J. Santiago, EPA:OAQPS:ESD:MICG, April 12, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-32	Letter and attachments, J. Vinzant, Kaiser Aluminum, to Docket, April 9, 1999, Enclosing comments and supporting data concerning proposed NESHAP for secondary aluminum production (Some portions considered to be Confidential Business Information).

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<u>Document No.</u>	<u>Description</u>
IV-D-33	Letter and attachment, S. Curren, IMCO Recycling, Incorporated, to J. Santiago, EPA:OAQPS:ESD:MICG, April 12, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-D-34	Letter, G. Smarte, Vista Metals Corporation, to Docket, April 12, 1999, Providing detailed comments on the proposed NESHAP for secondary aluminum production (For initial comment see IV-D-13).
IV-D-35	Letter, J. Viland, Wabash Alloys, L.L.C., to Docket, April 9, 1999, Commenting on the proposed NESHAP for secondary aluminum production.
IV-D-36	Letter and attachments, R. Fulton, Jr., Jefferson County Department of Health, Alabama, to J. Santiago, EPA:OAQPS:ESD:MICG, June 1, 1999, Enclosing two stack tests conducted on October 23-24, 1998 and March 12, 1999.
IV-D-37	Letter, L. Iannettoni, Meloon Foundries, Incorporated, to B. Jordan, EPA:OAQPS:ESD, June 30, 1992, Letter briefly describing their foundry process to meet the 114 response requirements.
IV-D-38	Letter, G. Penkoff, Peerless Aluminum Foundry Company, Incorporated, to J. Santiago, EPA:OAQPS:ESD:MICG, August 7, 1992, Providing data concerning their melting process.
IV-D-39	Letter and attachments, P. Blau, Kaiser Aluminum, to J. Santiago, EPA:OAQPS:ESD:MICG, July 27, 1999, Enclosing summary of test report for Trentwood Works, Spokane, Washington.
IV-D-40	Letter and attachment, P. Blau, Kaiser Aluminum, to J. Santiago, EPA:OAQPS:ESD:MICG, July 29, 1999, Enclosing test report for the DC-2 SNIF Exhaust Stack at Trentwood Works, Spokane, Washington.

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Category IV
Additional Items Considered after Proposal, in Developing Final Rule
Subcategory IV-E
EPA Memoranda of Meetings and Telephone Conversations

<u>Document No.</u>	<u>Description</u>
IV-E-1	Memorandum, M. Laney, RTI, to J. Santiago, EPA:OAQPS:ESD:MICG, September 20, 1999, Meeting minutes with EPA and representatives of the die casting and aluminum foundry industries on July 14, 1999.
IV-E-2	Memorandum, M. Laney, RTI, to J. Santiago, EPA:OAQPS:ESD:MICG, September 21, 1999, Meeting minutes with EPA and representatives of the secondary aluminum industry on August 13, 1999.
IV-E-3	Memorandum and attachments, M. Laney, RTI, to Docket, May 20, 1999, Telephone Contact Summary of conversation with S. Bruntz, Commonwealth Aluminum, concerning the HCl monitoring/lime injection system (Attaching Facsimile, S. Bruntz, Commonwealth Aluminum, to M. Laney, RTI, May 26, 1999, Information on the HCl monitoring system).
IV-E-4	Memorandum, D. Green, RTI, to Docket, June 2 to June 7, 1999, Telephone Contact Summary of conversation with M. Coffman, Hayes Lemmerz, concerning what types of chip dryers Hayes Lemmerz operates.
IV-E-5	Memorandum, J. Santiago, EPA:OAQPS:ESD:MICG, to Docket, November 1, 1999, Telephone Contact Summary of conversation with A. Blankenbiller, North American Die Casting Association, on September 20, 1999 concerning a request for a meeting to discuss the Secondary Aluminum MACT.
IV-E-6	Memorandum, M. Laney, RTI, to J. Santiago, EPA:OAQPS:ESD:MICG, December 2, 1999, Meeting minutes from meeting between EPA and representatives of the die casting and the aluminum foundry industry on December 2, 1999.

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Additional Items Considered after Proposal, in Developing Final Rule
Subcategory IV-E
EPA Memoranda of Meetings and Telephone Conversations

<u>Document No.</u>	<u>Description</u>
IV-E-7	Memorandum, J. Santiago, EPA:OAQPS:ESD:MICG, to Docket, December 9, 1999, Telephone Contact Summary of conversation with K. Kirby, Culp Aluminum Alloys, concerning the price of remelt secondary ingot produced by sweat furnace operations.
IV-E-8	Memorandum, M. Laney, RTI, to Docket, December 14, 1999, Notice of meeting held between EPA, OMB, and the North American Die Casting Association.

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Additional Items Considered After Proposal, in Developing Final Rule
Subcategory IV-G
Late Public Comments Received

<u>Document No.</u>	<u>Description</u>
IV-G-1	Letter and attachment, C. Korleski, Honda of America Manufacturing Company, to J. Santiago, EPA:OAQPS:ESD:MICG, April 13, 1999, Enclosing comments concerning proposed NESHAP for secondary aluminum production.
IV-G-2	Letter and attachments, A. Lucas, North American Die Casting Association, to Docket, August 1999, Enclosing comments and support documents concerning proposed NESHAP for secondary aluminum production.
IV-G-3	Letter and attachment, D. Sanford, Aluminum Extruders Council, to J. Santiago, EPA:OAQPS:ESD:MICG, August 10, 1999, Enclosing supplemental comments concerning proposed NESHAP for secondary aluminum production (For previous comment see item IV-D-16).

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Additional Items Considered After Proposal, in Developing Final Rule
Subcategory IV-H
Interagency Review Materials

<u>Document No.</u>	<u>Description</u>
IV-H-1	Memorandum, M. Laney, RTI, to Docket, December 14, 1999, Items sent to OMB for Review.
IV-H-2	Memorandum and attachments, M. Laney, to Docket, December 15, 1999, OMB and SBA review-related material.
IV-H-3	Redline/Strike-Out Package, Regulation for the Secondary Aluminum NESHAP, Final Rule, Includes form of compliance with E.O. 12866 Docket Requirements.
IV-H-4	Final Package, Preamble and Regulation for the Secondary Aluminum NESHAP, Final Rule.

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Additional Items Considered After Proposal, in Developing Final Rule
Subcategory IV-J
References Not Readily Available to the Public Elsewhere

<u>Document No.</u>	<u>Description</u>
IV-J-1	Paper, Specifications for SNIF SHEER P_180UHB, Foseco, Incorporated, 1997.
IV-J-2	Text, Chapter 3, “Local Exhaust Hoods” and Chapter 5, “Exhaust System Design Procedure,” in Industrial Ventilation, A Manual of Recommended Practice, 23rd Edition, American Conference of Governmental Industrial Hygienists, Cincinnati, Ohio, 1998.
IV-J-3	Memorandum, D. Young, RTI, to Docket, December 15, 1999, References used in the Economic Impact Analysis for the Proposed Secondary Aluminum Industry NESHAP (For report see IV-B-6).

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Category V
Final Action
Subcategory V-A
Notice of Rulemaking**

Document No.

Description

V-A-1

65 FR 15690-15737 (Final Rule), *Federal Register*, National Emission Standards for Hazardous Air Pollutants: Secondary Aluminum Production, March 23, 2000.

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Category V
Final Action
Subcategory V-C
Response to Comments Documents**

Document No.

Description

V-C-1

Summary of Public Comments and Responses on Secondary Aluminum NESHAP, December 14, 1999.