

under this subpart applicable to air curtain incinerators burning commercial or industrial waste. While not all CISWI units will include all of the following components, a CISWI unit includes, but is not limited to, the commercial or industrial solid waste feed system, grate system, flue gas system, waste heat recovery equipment, if any, and bottom ash system. The CISWI unit does not include air pollution control equipment or the stack. The CISWI unit boundary starts at the commercial or industrial waste hopper (if applicable) and extends through two areas: (1) The combustion unit flue gas system, which ends immediately after the last combustion chamber or after the waste heat recovery equipment, if any; and (2) the combustion unit bottom ash system, which ends at the truck loading station or similar equipment that transfers the ash to final disposal. The CISWI unit includes all ash handling systems connected to the bottom ash handling system. A CISWI unit does not include any of the fifteen types of units described in section 60.2555 of this subpart, nor does it include any combustion turbine or reciprocating internal combustion engine.

Waste heat recovery means the process of recovering heat from the combustion flue gases by convective heat transfer only.

IV. Future Action

Our expectation is that we will take final action on the definitions discussed and issues addressed in today's notice when we take final action in response to the voluntary remand of the final CISWI rule.

Dated: February 10, 2004.

Jeffrey R. Holmstead,

Assistant Administrator, Office of Air & Radiation.

[FR Doc. 04-3366 Filed 2-13-04; 8:45 am]

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ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 63

[SC-112L-2004-1-FRL-7623-9]

Approval of Section 112(l) Authority for Hazardous Air Pollutants; Equivalency by Permit Provisions; National Emission Standards for Hazardous Air Pollutants From the Pulp and Paper Industry; State of South Carolina

AGENCY: Environmental Protection Agency (EPA).

ACTION: Proposed rule.

SUMMARY: Pursuant to section 112(l) of the Clean Air Act (CAA), South Carolina Department of Health and Environmental Control (SC DHEC) requested approval to implement and enforce State permit terms and conditions that substitute for the National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry. In the Rules section of this **Federal Register**, EPA is granting SC DHEC the authority to implement and enforce alternative requirements in the form of title V permit terms and conditions after EPA has approved the state's alternative requirements. A detailed rationale for this approval is set forth in the direct final rule. If no significant, material, and adverse comments are received in response to this rule, no further activity is contemplated. If EPA receives adverse comments, the direct final rule will be withdrawn and all public comments received will be addressed in a subsequent final rule based on this rule. The EPA will not institute a second comment period on this document. Any parties interested in commenting on this document should do so at this time.

DATES: Written comments must be received on or before March 18, 2004.

ADDRESSES: Comments may be submitted by mail to: Lee Page, Air Toxics Assessment and Implementation Section, Air Toxics and Monitoring Branch, Air, Pesticides and Toxics Management Division; U.S. Environmental Protection Agency Region 4; 61 Forsyth Street, SW., Atlanta, Georgia 30303-8960. Comments may also be submitted electronically, or through hand delivery/courier. Please follow the detailed instructions described in the direct final rule, **SUPPLEMENTARY INFORMATION** section [Part (I)(B)(1)(i) through (iii)] which is published in the Rules Section of this **Federal Register**.

FOR FURTHER INFORMATION CONTACT: Lee Page, Air Toxics Assessment and Implementation Section, Air Toxics and Monitoring Branch, Air, Pesticides and Toxics Management Division, Region 4, U.S. Environmental Protection Agency, 61 Forsyth Street, SW., Atlanta, Georgia 30303-8960. The telephone number is (404) 562-9141. Mr. Page can also be reached via electronic mail at page.lee@epa.gov.

SUPPLEMENTARY INFORMATION: For additional information see the direct final rule which is published in the Rules section of this **Federal Register**.

Dated: February 5, 2004.

J.I. Palmer, Jr.,

Regional Administrator, Region 4.

[FR Doc. 04-3369 Filed 2-13-04; 8:45 am]

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FEDERAL COMMUNICATIONS COMMISSION

47 CFR Parts 2, 15 and 90

[ET Docket No. 03-108 and ET Docket No. 00-47; FCC 03-322]

Cognitive Radio Technologies and Software Defined Radios

AGENCY: Federal Communications Commission.

ACTION: Proposed rule.

SUMMARY: In this document we are seeking to facilitate opportunities for flexible, efficient, and reliable spectrum use employing cognitive radio technologies. We are seeking comment generally on how we should modify our rules to enable more effective use of cognitive radio technologies, including potential applications across a variety of scenarios involving both licensed spectrum and unlicensed devices. By initiating this proceeding, we recognize the importance of new cognitive radio technologies, which are likely to become more prevalent over the next few years and which hold tremendous promise in helping to facilitate more effective and efficient access to spectrum. We seek to ensure that our rules and policies do not inadvertently hinder development and deployment of such technologies, but instead enable a full realization of their potential benefits.

DATES: Comments must be filed on or before May 3, 2004, and reply comments must be filed on or before June 1, 2004.

FOR FURTHER INFORMATION CONTACT: Hugh Van Tuyl, Office of Engineering and Technology, (202) 418-7506, e-mail: HughVanTuyl@fcc.gov, or James Miller, (202) 418-7351 TTY (202) 418-2989, e-mail: jjmiller@fcc.gov.

SUPPLEMENTARY INFORMATION: This is a summary of the Commission's *Notice of Proposed Rule Making and Order*, ET Docket No. 03-108 and ET Docket No. 00-47, FCC 03-322, adopted December 17, 2003 and released December 30, 2003. The full text of this document is available for inspection and copying during normal business hours in the FCC Reference Center (Room CY-A257), 445 12th Street, SW., Washington, DC 20554. The complete text of this document also may be purchased from the Commission's copy contractor,