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Republicsteel

Republic Steel Corporation
General Offices: Republic Building
Environmental Control
PO Box 6778
Cleveland OH 44101

February 17, 1983

WL West
Director

U.S. Environmental Protection Agency
Region V
230 South Dearborn Street
Chicago, IL 60604

Attention: Regional Administrator

APPLICATION PURSUANT TO SECTION 301(g)
FOR MODIFICATION OF THE REQUIREMENTS OF
SECTION 301(b)(2)(A) APPLICABLE TO PHENOL
(4AAP) AND AMMONIA AS SET FORTH IN 40 CFR PART 420

Re: NPDES Permit No. OH 0000957 (D303*)
Republic Steel Corporation
Cleveland District

Gentlemen:

In reference to our letter of September 21, 1978 (copy enclosed), and pursuant to Section 301(g) of the Federal Clean Water Act (the Act), Republic Steel Corporation (Republic) hereby applies for a modification of the requirements of Section 301(b)(2)(A) of the Act as such requirements apply to ammonia and phenol (4AAP) discharged from outfall Nos. 005, 009 and 014 pursuant to the NPDES Permit identified above.

Section 301(j)(1)(B) of the Act requires that this application be "filed not later than 270 days after the date of promulgation of an applicable [BAT] effluent guideline under Section 304 [of the Act]." The applicable BAT effluent guideline for ammonia and phenol was initially published by the EPA on May 27, 1982. See 47 Fed. Reg. 23258 et. seq. On June 7, 1982 the EPA published a further notice, supplementing the initial notice of May 27, 1982, which established the effective date for such effluent guideline as July 10, 1982. See 47 Fed. Reg. 24554. Under these circumstances Republic

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believes that the "date of promulgation" of the applicable BAT effluent guideline is July 10, 1982. Accordingly, this application must be submitted by April 6, 1983.

However, Republic was recently informed by representatives of the U.S. EPA that the "date of promulgation" in EPA's view is May 27, 1982 and that this Application is, therefore, due by February 21, 1983. While Republic believes that this interpretation is not correct, we are nevertheless, as a precautionary measure, submitting this application by February 21, 1983. Republic reserves the right to amend or supplement this Application with such analysis, information and data as may be appropriate.

The relevant BAT effluent guideline for ammonia and phenol is set forth in 40 CFR Part 420. An application to renew the above-referenced NPDES permit and establish BAT effluent requirements for this facility was submitted to Ohio EPA on December 22, 1980. No action has been taken by the Ohio EPA on such application to date and hence no BAT effluent limitations, or compliance schedules, have been established.

Republic is in the process of determining precise numeric values for modified effluent limitations for phenol (4AAP) and ammonia which it will propose and submit to you by April 6, 1983. Each proposed modified effluent limitation (PMEL) will be at least as stringent as BPT effluent guideline limitations required by Section 301(b)(1)(A) of the Act. Each PMEL will not result in any additional requirements on any other point or non-point source and will not interfere with the attainment or maintenance of that water quality which shall assure protection of public water supplies, and the protection of propagation of a balanced population of shellfish, fish and wildlife and allow recreational activities in and on the water. Further, each PMEL will not result in the discharge of pollutants in quantities which may reasonably be anticipated to pose an unacceptable risk to human health or the environment because of bioaccumulation, persistency in the environment, acute toxicity, chronic toxicity (including carcinogenicity), mutagenicity or teratogenicity), or synergistic propensities.

In support of this Application reference is made at this time to the following information:

1. Application for renewal of NPDES Permit No. OH 0000957 submitted to the Ohio EPA on December 22, 1980.

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2. Ohio water quality standards, if any, applicable to ammonia and phenol in the Cuyahoga River.

Please advise if additional information is required.

Respectfully submitted,



William L. West
Director
Environmental Control

WLW/pmp (0227P)

enclosures

cc: Director
Ohio EPA
Columbus, OH