FINAL DETERMINATION

White Springs Agricultural Chemicals, Inc.

Permit No. 0470002-039-AC, PSD-FL-297

Agricultural Chemicals Complex

An Intent to Issue an air construction permit to White Springs Agricultural Chemicals, Inc., to reallocate the phosphoric acid production capability within the complex in Hamilton County, was distributed on September 21, 2000. The Notice of Intent was published in the Jasper News on September 28, 2000**.** Copies of the draft construction permit were available for public inspection at the Department offices in Jacksonville and Tallahassee.

Comments from the U.S. Fish and Wildlife were received and addressed during the application review period. No additional comments were received during the public comment period following issuance of the Draft Permit.

The only comment during the 30-day public comment period was from EPA. The comment is as follows:

> *In its letter dated October 30, 2000, EPA comments that although no ambient air quality standard or PSD increment exists for F, the applicant must still address the requirement for pre-construction monitoring of F. This is in direct accordance to Florida Rule 62-212-400(5)(f). A de minimis concentration has been specified for F (see Table C-3 of EPA's New Source Review Workshop Manual) above which pre-construction monitoring would typically be required. The applicant needs to model the proposed increase in F emissions and compare the predicted impact to the de minimis level to determine whether or not pre-construction monitoring will be required. Also the applicant must address the additional impacts on soils, vegetation, wildlife, and visibility with respect to F.*

The Department has not specified an ambient monitoring method for fluorides. Also the Department does not have assessment techniques to make quantitative predictions of additional fluoride impacts on soils, vegetation, wildlife, and visibility.

The present project is a re-allocation of production among existing plants. Although emissions will increase based on a comparison of past actual to future potential emissions, actual emissions will probably remain about the same. Therefore no measurable impacts are likely.

The Department will require future applicants to perform the modeling as required by the rules and to qualitatively address the impacts of fluoride emissions on the soils, vegetation, wildlife, and visibility. The applicant and its consultant have agreed to provide the required modeling for the record on this project.

The final action of the Department is to issue the permit as proposed**.**