Mail to: RACT/BACT/LAER Clearinghouse
ESD, OAQPS, MD-13
RTP, N.C. 27711

RACT/BACT/LAER DETERMINATION INPUT SUMMARY

JULY 24, 1992
Date of this Report

Source Type/Size FERTILIZER PLANT / 55 TPH GTSP OR 100TPH AMMONIUM PHOSPHATE (MAP OR DAP)

Company Name/Site Location CF INDUSTRIES, INC., 10609 HWY 39 N, PLANT CITY, FL 33566

Determination is RACT/(BACT)/LAER for a NEW (MODIFIED) source:
(Circle the appropriate choices)

Permit No.: AC 29-210979

Date of Permit Issuance: _____

Date of Estimated Start-up: JANUARY, 1993

Determination Made By (agency): FL DEPT ENVIRO REG

WILLARD HANKS   904/488-1344
(Person Directly Knowledgeable   (Phone)
About Permit)

AIRS Facility Number: _____

Permit Parameters: (list all processes subject to this permit)	Maximum Design Capacity	Pollutant Reg.*	Emission limit(s)	Reg. require. assoc. w/limit **	Control Equipment or Process Modification Description	Effi-ciency %	Top-Down BACT Information Number of control options examined	Rank of control option selected	Cost in $/ton of option selected
MAP	100	F	0.06 LBS/T P₂O₅	B	TWO STAGE SCRUBBER	99.8			

Notes: BACT APPLIES TO MAP MFG. LAST STAGE OF SCRUBBER USES FRESH WATER AS SCRUBBING LIQUID

*Use the following abbreviations wherever possible: PM = particulate matter, SO₂ = sulfur dioxide, NOₓ = nitrogen oxides, CO = carbon monoxide, VOC = volatile organic compounds, VE = visible emission, TRS = total reduced sulfur, F = fluorine, Be = beryllium, H₂S = hydrogen sulfide, Hg = mercury, VC = vinyl chloride.

**Please use the following abbreviations: TDB = TOP-DOWN BACT, B = BACT, ONSR = OTHER NEW SOURCE REVIEW (Other BACT not required by PSD regulations), L = LAER, N = NSPS, H = NESHAP, A = NAAQS or PSD increment constraints, S = SIP, R = RACT, U = Unregulated.

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