DATE: IN-29-90 OUT-19-90

FILE OR REG. NO. 62713-88 (formerly 464-629)

PETITION OR EXP. PERMIT NO. ____________________________

DATE DIV. RECEIVED June 1, 1990

DATE OF SUBMISSION May 31, 1990

DATE SUBMISSION ACCEPTED ____________________________

TYPE PRODUCT(S): (I), D, H, F, N, R, S

DATA ACCESSION NO(S). 415094-02, 415094-03; Record Numbers: 266580; Action Code: 300

PRODUCT MGR. NO. 12- Edwards/Andreasen

PRODUCT NAME(S) Durban® ME20 Microencapsulated Insecticide

COMPANY NAME DowElanco

SUBMISSION PURPOSE Provide performance data in support of addition of a 0.75% a.i. dilution to the label for use against susceptible & resistant roaches; fleas, crickets and termites.

CHEMICAL & FORMULATION Chlorpyrifos 20.0%

(1.7 lbs. active per gallon flowable concentrate)

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession (MRID) Number 415094-02, having been obtained from laboratory and field testing conducted according to essential requirements of § 95-11(b) on pp. 268 and § 95-12(c) on pp. 271-2 and meeting the standards for § 95-11(c)(2)(i)(A) on pp. 270 and § 95-12(b)(1)(i)(A) and (B) on pp. 272-3 of the Product Performance Guidelines, are adequate to support the addition to the label of a 0.75% a.i. dilution for the purpose of controlling resistant and susceptible cockroaches indoors on painted and unpainted plywood, stainless steel, concrete, masonite, glass and paper surfaces; cat flea larvae and adults on carpeting indoors; crickets, cockroaches, ants and fleas outdoors, when the subject product is applied according to label directions. Similarly, the data presented in MRID Number 415094-03, having been obtained from field testing conducted according to most requirements of § 95-12(a) on pp. 271-2 and meeting the standard for § 95-12(b)(1)(i)(A) and (B) on pp. 272-3, are adequate to support the addition to the label of a 0.75% a.i. dilution for controlling subterranean termites by initial soil applications, when the subject product is applied according to label directions. Some provision in labeling should be made for doubled application rates and/or biennial inspections in areas such as Mississippi, Panama, Hawaii and other Pacific islands, based on results on pp. 5-7. The data presented in MRID No. 415094-04 demonstrate that satisfactory results up to and including total exclusion of subterranean termites can be achieved by both concrete slab and ground board evaluations for a minimum of 2 years in both Arizona and Mississippi at 1.0% and confirm the wisdom of biennial inspections in these states for the proposed 0.75% dilution. R.L. Lönneker, MC-FaB, IRS