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Schedule No. 77 11
Retain Until 12 / 86

Car Product Development

January 5, 1984

Mr. E. T. Mabley
Mr. D. L. Rivard
Mr. R. C. Ronzi

Pg 10 - no
safe level?

Subject: New Asbestos Removal Objectives

As you know the Company has been working on removing asbestos from product materials since 1980. Advanced Vehicle Engineering and Technology has the responsibility of coordinating all product engineering office implementation, including preparation of specific objectives and progress reports.

Objectives were published in a Car Program Direction Letter 8/18/81. In this original letter, objective statements and completion dates were somewhat general reflecting the then unknown technical problems and costs of substitution. The direction now is that for the friction product category a definite Corporate 100% asbestos removal date is desired. To notify the engineering offices of this change we intend to issue a new Direction Letter, draft attached.

Would you please concur in the completion dates shown in Table 1 of the Program Letter that are your responsibility, and advise of exceptions or qualifications you require. Note that the friction products category now explicitly includes all uses, i.e., all clutches, brakes, etc. supplied both as loose parts to be assembled at a Ford location and as part of purchased assemblies. Bob Husen, 44134, Room 1049, Bldg. #5, can supply background and detail. Please reply by January 27, 1984.

R. E. Van House

Attachment

DZ-267

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NORTH AMERICAN PRODUCT ENGINEERING OFFICE ASBESTOS REMOVAL OBJECTIVES

TABLE 1

DRAFT

Product Material Applications Containing Asbestos		Planned Asbestos Removal Date by Application (Calendar Year End)			
		Passenger Car	Light Truck	Heavy Truck	Tractor
Friction Products <u>A</u>	Wet Clutch	Complete 1983	1984	Compl. 1983	Compl. 1983
	Manual Trans. Clutch	1985	Compl. 1983	1985	1987
	Brakes	1989 (see attached plan)	1984	1985	1989
Gaskets & Shaft Seals (except PIA)	Non-Critical	1985	1985	1985	1986
	Critical (significant performance issues, e.g. temp, pressure)	1989	1989	1989	1989
Bulk Sealers, Adhesives, Tapes, Thread Sealers, & Acoustic Mats (except PIA)	Non-Critical	1985	1985	1985	1985
	Critical (significant performance issues, e.g. temp, viscosity)	First major respecification opportunity (ref. CEPL-10)			
Other Material (except PIA)	Plastic Fillers & Misc.	1985	1985	1985	1985
Purchased in Assembly (PIA)	<u>1/</u>	No substitution action req'd - suppliers are to be requested to work toward minimizing asbestos but allowed to establish their most suitable compliance plan.			
General	<u>A</u>	All asbestos to be encapsulated or resin coated and appropriate warnings included in service literature and containers.			
Service Parts	Past Models	No reengineering of after market service parts specifically to delete asbestos is req'd. Service literature and parts containers to be marked with appropriate warnings.			
All Newly Designed Components	New Parts/Uses	The non-asbestos requirements of CEPL-10 (12/79) are to be adhered to in new designs.			

1/ Purchased assemblies for which detailed part composition is left to the outside supplier. Note: No friction products applications in this category.

NOT TRUE

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AVET
January, 1984

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