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KAISER CEMENT & GYPSUM CORPORATION

INTER-OFFICE MEMORANDUM

TO J. W. Post

DATE August 28, 1979

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FROM R. M. Ruis

SUBJECT MASONRY, PLASTIC AND GUN PLASTIC CEMENTS
PERMANENTE/CUSHENBURY PLANTS
ASBESTOS FORMULATIONS

The production of three cements, Masonry, Plastic (Hand) and Gun Plastic was researched for Permanente and Cushenbury plants apropos of asbestos content.

Salient dates of manufacture and product specifications are attached (Table I).

Relevant comments are listed below by plant.

I. Permanente

1. Masonry - produced from 11/15/60 to 7/24/62.
   - manufactured without asbestos.

2. Plastic (Hand) - first produced on 11/15/60.
   - asbestos addition initiated on 12/15/61.
   - asbestos deleted from formulation on 7/73.
   - still in production with asbestos-free formulation.

3. Gun Plastic - asbestos added at production onset, 11/15/60.
   - last produced in 10/73.
   - final product specification (Pl.G-5) containing asbestos formulation is 'current' despite lack of production.

II. Cushenbury

1. Masonry - first produced in 9/72 containing asbestos.
   - last manufactured in 9/77.
   - product specification (M-1 Tentative) with asbestos formulation is 'current' despite lack of production.

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2. Plastic (Hand) - production initiated without asbestos, 1/25/60.
   - asbestos addition on 9/15/63.
   - asbestos deleted on 8/17/64.
   - product manufactured until 1976.

3. Gun Plastic - first produced containing asbestos on 2/1/60.
   - manufactured up to ~2.74 with asbestos formulation.
   - product specification (G.Pl-7) with asbestos formulation is 'current' despite lack of production.

Both Permanente and Cushenbury have shipped Plastic Cement by bulk on occasion to selected customers. This was considered rare.[1] Current product specifications are attached.

[1] As per I. Harrison, M. McClelland.

RMR/lz