



Northbrook Division
333 Pflingsten Road
Northbrook, IL 60062-2096 USA
www.ul.com
tel: 1 847 272 8800

September 25, 2003

Mr. Bill Dempster
Technical Service Manager, Fire Protection Products
Construction Products Div.
W. R. Grace & Co - Conn
62 Whittemore Ave
Cambridge, MA 02140

Our Reference: File R4339

Subject: Horizontal Structural Tubing In Load Bearing Applications

Dear Mr. Dempster:

This is in response to our previous telephone conversations and your email of September 22, 2003 concerning the above subject.

As discussed previously, we have insufficient test data on the structural performance of load bearing horizontal structural tubing during a fire exposure test. Therefore, it would be inappropriate to apply the material thickness from a Column Design to these load bearing members.

If you should have additional questions, please feel free to contact the undersigned.

Very truly yours,

A handwritten signature in black ink that reads 'Alec Hauser'.

Alec Hauser
Staff Engineer
Fire Protection Division

Reviewed by:

A handwritten signature in black ink that reads 'Frederick E. Hervey'.

Frederick E. Hervey
Engineering Team Leader
Fire Protection Division

