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LOG OF MEETING

DIRECTORATE FOR ENGINEERING SCIENCES

SUBJECT: Meeting with Louis Hahn, Elk Corporation

DATE OF MEETING: January 24, 2002

DATE OF LOG ENTRY: January 29, 2002

SOURCE OF LOG ENTRY: Allyson Tenney, ESME 

LOCATION: U.S. Consumer Product Safety Commission (CPSC),
East West Towers, Room 518

CPSC ATTENDEES: See attached list of attendees

NON-CPSC ATTENDEES: See attached list of attendees

SUMMARY OF MEETING:

RECEIVED
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Louis Hahn, Ph.D. of Elk Corporation met with CPSC staff to present information about Elk Corporation's fire barrier products.

Elk fire barrier products are coated substrates that have permanent flame retardant capabilities. The barrier technology for mattresses was developed from Elk's Vesashield product used for roofing applications. The newly developed barrier product can be used in typical mattress constructions while claiming to maintain comfort and affordability. Results of previously conducted flammability tests using California Technical Bulletin 129 (TB 129) were presented and discussed. During independent laboratory testing, the barrier fabric, a thin layer of foam on fiberglass substrate, was used directly behind the side surfaces and one or two layers beneath a traditional mattress ticking on the top and bottom surfaces. According to the test results, mattresses using Elk's barrier technology passed TB 129. The product is expected to be commercially available in 2002.

