

July 25, 2000

NOTE FOR: LitePro Application

FROM: Seung J. Lee /RA/  
Materials Safety and Inspection Branch, IMNS

SUBJECT: MINUTES OF MEETING WITH LITEPRO, LLC AND SHEPHERD  
MILLER, INC.  
JULY 25, 2000

Representatives of LitePro, LLC and Sheperd Miller, Inc. requested the meeting with the NRC staff to discuss the application process for the self-luminous flashlight having 42 mCi tritium. The sources are manufactured in Switzerland by Mb-Microtec, and will be distributed in the U.S. by LitePro, LLC, Aventura, FL, as exempt products.

During the meeting, Mr. Joe Tchira of LitePro demonstrated various models of the flashlight design and provided the assessment of potential doses to members of the public resulting from the use, misuse, and disposal of LipePro flashlights from National Radiological Protection Board (NRPB). He said that these flashlights have been approved and are commercially available in UK.

He also explained that other alternatives (such as phosphorous and light emitting diodes [LEDs]) were tried, but these were not as effective as the tritium. These flashlights are not intended to be used as toys, but rescue organizations, law enforcement, outdoor sportsmen, marine industries, etc. will be possible users. The cost of one flashlight is estimated to be \$108.00.

The NRC participants outlined to the representatives that in a future application:

- (1) LitePro should provide justification that the application is not frivolous use by addressing the considerations specified in consumer products policy statement (30 Federal Register 3462, 1965);
- (2) LitePro should redesign the product so that the source and the label can not be separated on the finished product; and
- (3) NRC staff will contact LitePro in two weeks and confirm the issues which LitePro must address in any future application.

Participants:

LitePro: Joe Tchira  
Shepherd Miller: Janet Johnson

NRC: John Hickey  
Frederick Sturz  
Maria Schwartz  
John Jankovich  
Bruce Carrico  
Bill Ward  
Seung Lee