

July 25, 2000

NOTE FOR: LitePro Application
NR-375-D-101-B

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

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

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 any future revised application would need to address the following issues:

- (1) address the considerations in the NRC consumer products Policy Statement (30 Federal Register 3462, 1965) and provide justification that the product does not constitute frivolous use; and
- (2) provide assurance that the source and the label can not be separated on the finished product during normal use.

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