## Anthony Kirkwood - RE: Supra Technologies 10/15/07, e-mail

From: Anthony Kirkwood

To: leif vasstrom

Date: 10/15/2007 1:32 PM

Subject: RE: Supra Technologies 10/15/07, e-mail

Mr. Vasstrom,

In your consolidated reply, please provide a date by which all lamps received will be labeled with Kr-85 and that all lamps in stock or in transit before that date will be provided a stick-on label for there immediate container indicating Kr-85. In addition, at the time of your consolidated reply, please provide the new drawings for the lamps indicating Kr-85, and indicate that the 400 watt lamps cannot be labeled because there is no space for it, but that its immediate container will have the required Kr-85 labeling.

Sincerely, Anthony Kirkwood

>>> "leif vasstrom" <lvasstrom@covad.net> 10/15/2007 12:25 PM >>>

Dear Mr. Kirkwood,

Thank you for your quick reply. I will get back to you first thing tomorrow, and will then amend the letter dated October 8 to properly address these last issues so that all is one consolidated letter.

Lamp etchings:

We will add the symbol KR85 also to the ceramic lamp sockets in the future, with the exception of the 400 watt lamps, because there is no space for it,

Since we already have, at great cost, prefabricated ceramics where all other information is applied, may we use what we have and then add the KR85 etching?

Should we supply you now immediately with the new drawings for your file, indicating that future manufacturing will include the KR85 lettering?

Best Regards,

Leif Vasström

Supra Brands Group Ltd.

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Toll Free: 800 959 1255 Fax: 415 520 5318

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High Performance Lamps & Designs

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From: Anthony Kirkwood [mailto:ASK@nrc.gov] Sent: Monday, October 15, 2007 7:25 AM

To: leif vasstrom

Subject: Re: Supra Technologies 10/15/07, e-mail

Mr. Vasstrom,

Thank you for your response. In response to your quuestion, I believe it would be sufficient to submit one representative drawing. In regards to the drawings of labels on the immediate lamp container, indicating the lamps contain Kr-85, this would be sufficient, provided you also indicate why it is not possible to label the lamp itself with the Kr-85 symbol. Finally, since the krypton-85 gas does not pose a "danger" to users of your lamps, I believe that the reference to the radioactive gas should not be in the same brochure indicating "Danger - Ultraviolet Radiation."

Sincerely,

Anthony S. Kirkwood, Health Physicist NRC/FSME/MSSA/SAIS

MS: T8E24, RM: T8F16

(301) 415-6140 (Voice), (301) 415-5370 (Fax)

E-mail: ask@nrc.gov

>>> "leif vasstrom" <lvasstrom@covad.net> 10/15/2007 9:52 AM >>> Dear Mr. Kirkwood,

Regarding the four outstanding topics we discussed last week, I have discussed the issues with Radium as follow:

- 1. The dimensions / sized on the drawings / are in milli-meters.
- 2. The drawings provided contain proprietary information of value, normally not published to anyone, as they are vital parts of how to build lamps, and really are a trade secret. It would not be good for our competitors to be able to simply lift this information through the Freedom of Information Act. Please advise how we can best resolve this, or could it be sufficient that we publish just one lamp, in which case we chose one, to best protect our trade secrets. We feel that this is especially important due to the fact that as we have now been 100% up front and cooperative, and knowing that you will be pursuing other companies, they will know that in fact we are compliant and likely will pursue the FOIA.
- 3. The actual activity per lamp, in the lamp containing the most KR 85, is not more than 4 440 Bq (= 120 nanocuries).
- 4. Enclosed are a few individual box labels and instructions where we have added "Contains KR 85". Please let us know if this meets with your approval.

Best Regards, Leif Vasström

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Mail Envelope Properties (4713A41C.EE7: 13: 34940)

Subject:

RE: Supra Technologies 10/15/07, e-mail

**Creation Date** 

10/15/2007 1:32:12 PM

From:

Anthony Kirkwood

Created By:

ASK@nrc.gov

Recipients.

Action

Date & Time

covad.net

Transferred

10/15/2007 1:32:39

PM

lvasstrom (leif vasstrom)

**Post Office** 

**Delivered** 

Route

covad.net

Files

Size

Date & Time

MESSAGE

8228

10/15/2007 1:32:12 PM

TEXT.htm

24496

**Options** 

**Auto Delete:** 

No

**Expiration Date:** 

None

**Notify Recipients:** 

Yes

Priority:

Standard

ReplyRequested:

No

**Return Notification:** 

None

**Concealed Subject:** 

No

Security:

Standard

To Be Delivered:

Immediate

**Status Tracking:** 

Delivered & Opened