

**From:** [Forster, Sara](#)  
**To:** [ndarnell@thermalengint.com](mailto:ndarnell@thermalengint.com)  
**Subject:** First Additional Information Request re Thermal Engineering International renewal request, NRC Lic. No. 24-19500-01, CN629381  
**Date:** Friday, April 22, 2022 2:22:00 PM

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Good afternoon, Mr. Darnell:

The U.S. NRC Region III office is in receipt of your December 2, 2021 renewal application, NRC Form 313, "Application for Materials License." We have noted that your submission is limited to the form, and omits needed details regarding the form item nos. (5) radioactive materials to be authorized, (6) the purpose for which those materials will be used, (7) the individuals – including yourself as the Radiation Safety Officer (RSO) – to be authorized for radioactive materials use, (8) your training program, (9) facilities & equipment, and (10) your radiation safety program.

As noted on the form, to complete your application, your responses for Item Nos. 5 through 11 should be provided to our office as described in [NUREG 1556, Vol. 2, rev. 1, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Industrial Radiography Licenses."](#)

**For each Item, please refer to the referenced pages, and submit information described under each "Response from Applicant" section as noted, regarding:**

- (5) radioactive materials to be authorized, pp. 8-5 through 8-7** (pp. 43-45 of pdf file)
- (6) purpose of use, pp. 8-8 through 8-9** (pp. 46-47 of pdf file)
- (7) RSO & other authorized individuals, pp. 8-9 through 8-11** (pp. 47-49 of pdf file)
- (8) training, pp. 8-11 through 8-14** (pp. 49-52 of pdf file)
- (9) facilities & equipment, pp. 8-14 through 8-19** (pp. 52-57 of pdf file)
- (10) radiation safety program, pp. 8-19 through 8-53** (pp. 57-91 of pdf file)

Appendix C to the volume, "Suggested Format for Providing Information Requested in Items 5 through 11 of U.S. Nuclear Regulatory Commission Form 313," pp. C-1 through C-13 (pp. 113-125 of pdf file) for a summary of the information needed to complete our review.

Please provide a response via a signed and dated letter within 21 days (on or prior to May 13, 2022). For quickest processing, please submit your response as a pdf file attached to an email message. You may also submit a response via fax or via regular mail. If you have any questions regarding this message, please do not hesitate to reach out to me via email or at 630-829-9892.

Thank you in advance for your prompt attention to this request,

**Sara A. Forster, Health Physicist Licensing Reviewer**  
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