



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001**

August 15, 2000

T. Paul Teng
U. S. Department of Transportation
Federal Highway Administration
McLean, VA 22101

**SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR AMENDMENT TO
REGISTRATION CERTIFICATE NR-643-D-101-S and NR-643-D-102-S**

Dear Mr. Teng:

This is in reference to your letter dated March 11, 1999, requesting amendment to your registration certificate, NR-643-D-101-S and NR-643-D-102-S. We are in the process of evaluating your request. In order to continue our review, we needed the following additional information:

1. Provide (1) complete and current engineering drawings for both models illustrating assembly methods, dimensions and tolerances for all components, and (2) simplified assembly drawings for both models suitable for insertion into the registration certificate (8.5" x 11" or smaller).
2. Provide the ANSI 538-1979 classification for both models.
3. Submit a copy of the illustrated operating manual for Model MC-DMD, and the instrument manual for Model CMD-1.
4. The information in our file regarding external radiation levels is not clear. Please provide clear drawings or additional information of the external radiation levels for both models, and demonstrate that both models meet the requirements of 10 CFR 32.51(a)(2)(ii) and (iii).
5. Provide a clear description to clarify the operation of the "on-off mechanism" for the Model MC-DMD, Registration Certificate NR-643-D-101-S.
6. For the Model MC-DMD, provide a copy and a description of the material and dimensions used for labeling.
7. For the Model CMD-1, provide a complete description on how the device is mounted (e.g., bolted?, etc . . .).

Please refer to NRC's NUREG-1556, Volume 3, for additional information regarding the type of information that would fully address these items. NUREG-1556, Volume 3, can be found on NRC's website (www.nrc.gov).

Please submit the requested information within thirty days of the date of this letter. If we have not received complete information within thirty days of the date of this letter, we will consider your application as having been abandoned by you. This is without prejudice to the submission of a complete application. If you have any questions, please contact me at (301) 415-5787 or Dr. John Jankovich at (301) 415-7904.

Sincerely,

/RA/

Michele L. Burgess, Mechanical Engineer
Materials Safety and Inspection Branch
Division of Industrial and
Medical Nuclear Safety
Office of Nuclear Material Safety
and Safeguards

T. P. Teng

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Sincerely,

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Michele L. Burgess, Mechanical Engineer
Materials Safety and Inspection Branch
Division of Industrial and
Medical Nuclear Safety
Office of Nuclear Material Safety
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