

January 22, 1998

Mr. Jeff Shelton
1204 Elliott Street
Rolla, Missouri 65401

SUBJECT: INFORMATION REGARDING MULTI-PURPOSE CANISTER SYSTEMS

Dear Mr. Shelton:

I am responding to your letter dated January 10, 1998, requesting information on the multi-purpose canister system (MPC). The Nuclear Regulatory Commission is not currently reviewing any license applications for a true MPC that is designed for transportation, storage, and permanent disposal of spent nuclear fuel. However, NRC is reviewing dual-purpose canister systems proposed by several vendors that are designed for both transportation and storage. Dual-purpose canister systems must meet the requirements in Title 10 of the *Code of Federal Regulations* Part 71 (10 CFR Part 71) for transportation and in Part 72 (10 CFR Part 72) for storage.

The enclosed materials include information on typical transportation and storage cask designs. NUREG-1571, "Information Handbook on Independent Spent Fuel Storage Installations," and NUREG/CR-6407, "Classification of Transportation Packaging and Dry Spent Fuel Storage Components According to Importance to Safety," contain design and safety information on several NRC-approved dry cask storage and transportation cask designs. NUREG-1536, "Standard Review Plan for Dry Cask Storage Systems," contains detailed information on NRC's safety review of spent fuel storage casks. A similar standard review plan is being developed for spent fuel transportation casks.

Additional information regarding dry cask storage and transportation, including 10 CFR Parts 71 and 72, can be obtained via the Internet at <http://www.nrc.gov/OPA>.

If you have any additional questions regarding dual-purpose canister systems, you may contact me at (301) 415-3875.

Sincerely,

[original signed by /s/]

Michael D. Waters, Project Engineer
Spent Fuel Licensing Section
Spent Fuel Project Office
Office of Nuclear Material Safety
and Safeguards

Enclosures: As stated (see list)

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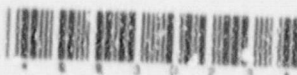
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License Req.
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LIST OF ENCLOSURES

1. NUREG-1571, "Information Handbook on Independent Spent Fuel Storage Installations"
2. NUREG/CR-6407, "Classification of Transportation Packaging and Dry Spent Fuel Storage System Components According to Importance to Safety"
3. NUREG-1536, "Standard Review Plan for Dry Cask Storage Systems"
4. NUREG/BR-0111, "Transporting Spent Fuel - Protection Provided Against Severe Highway and Railroad Accidents"
5. Paper titled "Transportation of Spent Fuel"
6. Paper titled "Dry Cask Storage of Spent Fuel"