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William J. Burns  
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July 1, 1999  
H-SM-99-046

110-04984

Ms. Gloria M. Bennington  
United States Nuclear Regulatory Commission  
Mail Stop: OWFN - 6 F18  
11555 Rockville Pike  
Rockville, MD 20852-2738

**Subject: Gadolinium Burnable Absorber Rods**

Dear Ms. Bennington:

On August 6, 1999 Combustion Engineering, Inc. will commence the shipment of 560 gadolinium burnable absorber rods from its Hematite, Missouri fuel fabrication facility to the Korea Nuclear Fuel Company under NRC License No. XSNM03002. Pursuant to 10CFR73.72 listed below is the information required for your review:

Shipper: Combustion Engineering, Inc.  
3300 State Road P  
Festus, MO 63028  
Contact: William J. Burns (314) 937-4691 Ext. 708

Receiver: Korea Nuclear Fuel Company  
150 Deogjin-Dong, Yosung-GU  
Taejon City, Choongnam  
Republic of Korea  
Contact: Kim, Ju Fax: +82-42-861-2380

Carrier: A. I. F. Company  
500 Carson Plaza Dr., Suite 205  
Carson, CA 90746  
Contact: Mr. Luke Pak (310) 323-0700

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The material to be shipped is contained in 560 unbound Zircaloy clad rods containing approximately 975 KgU as natural uranium dioxide, with each rod containing approximately 6 weight percent gadolinium ( $\text{Gd}_2\text{O}_3$ ) poison. The rods will be assembled by the KEPCO Nuclear Fuel Company into reload fuel bundles for the Ulchin Unit 3 reactor.

The cargo will be transported by truck from Hematite, Missouri to Los Angeles, CA and then transported via air to South Korea. The shipment is expected to depart Hematite on Friday, August 6, 1999 and arrive at the Asiana Airlines Cargo Terminal in Los Angeles, California by Monday, August 9. Transport to South Korea via air will occur shortly after.

If any significant changes occur with respect to either the schedule or the carrier we will notify you immediately. Should you require any additional information please feel free to call me at (314) 937-4691 extension 708 or Mr. F. David Lawrence at (860) 687-8105.

Sincerely,  
Combustion Engineering, Inc.



William J. Burns  
Product Manager

Cc: N. J. Breckenridge  
F. D. Lawrence  
E. C. Lovell  
S. P. Welch