



UNITED STATES  
**NUCLEAR REGULATORY COMMISSION**  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

February 1, 2008

Docket No. 04001957 (terminated)

License No. SUB-0081(terminated)

Glenn Bouscher  
Radiation Safety Officer  
Homer Laughlin China Co.  
672 Fiesta Drive  
Newell, WV 26050-1299

SUBJECT: DOSE ASSESSMENT FOR DISPOSAL OF HOMER LAUGHLIN WASTE  
CONTAINING LESS THAN 0.05 PERCENT BY WEIGHT SOURCE MATERIAL  
AT WASTE CONTROL SPECIALISTS FACILITY IN ANDREWS, TEXAS

Dear Mr. Bouscher:

Homer Laughlin China Co. (HLC) has requested to dispose of material containing unimportant quantities of source material (less than 0.05% by weight source material) at a RCRA - permitted disposal facility. The U.S. Nuclear Regulatory Commission (NRC) responded by saying that prior to sending any waste to a RCRA -permitted disposal facility, HLC must perform and submit a dose analysis to the NRC which determines the potential dose consequence to members of the public from the disposal.

HLC transmitted a dose assessment for disposal of unimportant quantities of uranium contaminated material at the Waste Control Specialists facility in Andrews Texas. Based on our review (see attachment), the staff has verified that the expected individual and collective doses due to transfer and disposal of the HLC waste will be well below 25 mrem/yr. Therefore, the staff accepts HLC's dose assessment and approves its plans to dispose of waste at the Waste Control Specialists facility in Andrews Texas.

If you have questions concerning this letter, please contact me at 610-337-5236.

Thank you for your cooperation.

Sincerely,

***Original signed by John Nicholson***

John Nicholson  
Health Physicist  
Decommissioning Branch  
Division of Nuclear Materials Safety

Enclosure: Technical Evaluation Report ML073541298

cc:  
Corey DeWitt, Project Engineer

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cc:  
Corey DeWitt, Project Engineer

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**SUNSI Review Complete: JNicholson**

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