



A Babcock Power Inc. Company

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March 29, 2012

Materials Licensing Branch
U.S. Nuclear Regulatory Commission, Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

Dear Mrs. Casey,

Below is the additional information to control number 576348 regarding: concerns stated in letter stamped Feb 7th, 2012.

Table 3, Step 8 defines '576 hours/year' as the average hours an employee might be in the unrestricted area in a given year. This makes no statement regarding how much the source would be exposed; it only states how much a given employee might be working near the permanent radiographic installation.

Table 5, Step 10 defines '320 hours/year' as the average number of hours the source is exposed. This figure is based on 3 years of logbook data. An employee working in the unrestricted area would have only received 320 hours of exposure, despite spending 576 in the unrestricted area.

Thus, the annual dose in Table 7, Step 12 is derived from the actual exposure time of 320 hours. The result yields 75.43mrem/yr, within the safe annual dose rate of 100mrem/yr.
Best Regards,

Thermal Engineering International



Nick Darnell
Radiation Safety Officer

RECEIVED MAR 30 2012

From: (417) 659-3611
 Holly Hogeweide
 Thermal Engineering International
 2702 W. 9th Street
 Joplin, MO 64801

Origin ID: JLNA



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 ActWgt: 1.0 LB
 CAD: 3958933/NET3250

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NUCLEAR REGULATORY COMMISSION REG
2443 WARRENVILLE RD STE 210

Ref # 7200-035 / 55.640.20
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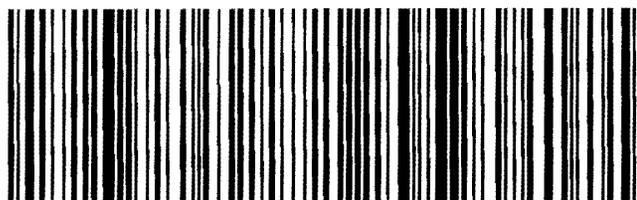
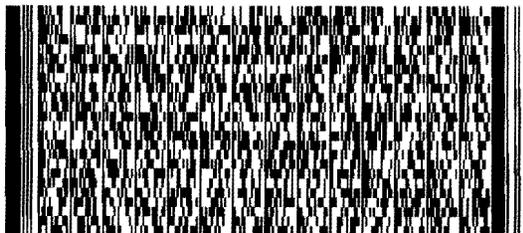
LISLE, IL 60532

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