



DETROIT HOMELAND SECURITY & EMERGENCY MANAGEMENT

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Director O'Brien:

On March 4, 2016 there was a fire located at 9300 W. Jefferson. This location is known as The City of Detroit Water and Sewerage Department currently being leased by Great Lakes Water Authority. During this fire, two self-illuminating exit signs containing 11.5 Curies of Tritium were damaged.

The damaged signs bare the serial numbers:

1. SERIAL No. **235254**. The plastic housing of this item is still intact with some minor melted areas. The interior metal housing securing the tritium filled glass tubes appears intact.
2. SERIAL No. **235243**. The plastic housing on this item was completely melted. The Interior metal housing securing tritium filled glass tubes appears intact.

Both items were manufactured by Isolite. As a precaution both items were tested for leakage with a Ludlum 2241 Pancake probe with negative results. The area where the signs were located and served as exit signs, prior to the fire, was also surveyed for exposed radioactive material with negative results.

As an extra precaution, both signs were placed inside separate sealed plastic bags and placed in a box. The box and signs are currently being stored in a locked storage room with only one key holder and will be monitored on a daily bases.

We are currently in search of a Nuclear Regulatory approved company to dispose of these signs. When his process is complete, I will make immediate notification to you in writing.

Please feel free to contact me if you have questions.

Thank you,

Rachel Thomas
City of Detroit