



CHAPARRAL STEEL

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FAX COVER SHEET

To: Jay Henson, NRC **From:** Lawrence Heyd
Fax: 404-562-4955 **Pages:** 1
Date: March 24, 1999 **cc:**
Re: License Application (Mail Control No. 258232)

4/5-25463-
030-3492

This fax is in response to our telephone conversations regarding the need for survey meter verification of source locations during installation and removal from molds.

We request that the license not require the use of a survey meter to verify source installation or removal. We think that this requirement is unnecessary and burdensome. As you are aware, the radioactive sources are an integral part of steel casting operation. As such, sources must be in every mold that is in use. A log of the source locations will be kept. Sources that are not in use are either in storage shielding or in a mold that is not in use. For molds that are not in use but that contain sources, bolts secure the inner radius moldplate or shielding is applied. When sources are removed from the molds, the lubeplate bolts are left out of the inner radius lubeplate to show that the source has been removed. The bolts are in immediate visual indication of the presence of a source. Sources that are not in molds are in the storage shielding.

Naturally our personnel will have the option of using a survey meter if they desire to check for the presence of a source. We will perform training so operators know the expected survey meter reading when a source is in a mold or in storage shielding.

The radioactive sources will be treated with the utmost of respect. Their movement will be carefully logged, and this is a "no-compromise" procedure.

Thank you for your attention to this matter,
Lawrence Heyd

NMSS/RGNI MATERIALS-002