

**Materials Event Response Recommendation Worksheet**  
(Materials incidents or events only)

**LICENSEE:**  
Siouxland Urology Center

**EVENT DATE:** 3/16/17

**EN:** 52614

**NMED # (if app.):**

**LICENSE NUMBER:** 40-34223-01

**DOCKET NUMBER:** 030-36922

**DECISION RESULTS**

**Category of Event:**

(medical event, exposure event, contamination / loss of control, release, security, disposal, packaging)

Medical Event

**Type:**

(Describe the severity, Ex. fatality)

Did not result in a fatality.

**Outcome:**

(Describe the results of the event))

Resulted in an overexposure to a patient. Intended dose was 125 Gy. Delivered dose was 172 Gy.

**Recommended Response Decision and Referring Document:**

Reactive Inspection – Respond within 5 working days per MD 8.10.

**Following Recommended Response? If No, Write-In Response Decision at Right:**

Yes

**Comments / \* Explanation / Brief Description of Incident or Event:** On 3/16/17 the licensee reported that a patient was treated with 110 palladium-103 seed implant (1.68 mCi each) to the prostate. The prescribed dose for the treatment was 125 Gy. After the patient treatment, the licensee discovered that a calculation error had occurred. The licensee implanted 110 seeds (184.8 mCi) that delivered ~ 172 Gy instead of the 80 seeds (134.4 mCi) that would have delivered ~ 125 Gy. The error resulted in an overexposure to the prostate.

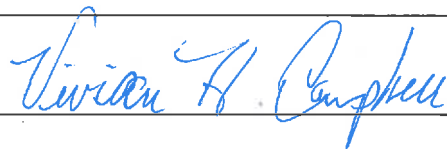
RIV RA briefed on 3/21/17

**Name of Inspector(s) to be Dispatched:**

James Thompson

**Branch Chief Name and Signature:**

Vivian Campbell



**Date:**

3/21/2017