



5/24/2016

St. Alphonsus Regional Medical Center-Boise
1055 N. Curtis Rd.
Boise, ID 83706

U.S. NRC Region IV
1600 East Lamar Blvd
Arlington, TX 76011-4511

RE: Notification of Medical Event License Number # 11-27306-01.

Dr. Janine Katanic

Per your request for information as detailed in your 5/9/2016 email with regards to the reported medical event which occurred on 2/26/16. The following information as summarized by initial treatment calculation worksheet and subsequent follow up worksheet to complete the initial written directive. The treatment plan as noted by the Authorized User's written directive was for the desired dose to target (Right Liver Lobe) volume to receive 120 Gy which is equivalent to 600 rem Effective Dose Equivalent to liver tissue with utilization of ICRP 60 weighting factors. In review of final calculations regarding actual treatment amount administered, given the majority of the dose being retained in the catheter, was noted at 19 Gy or 95 rem Effective Dose Equivalent. The subsequent follow up treatment to complete the original written directive dosing was prescribed for 90 Gy which is equivalent to 450 rem Effective Dose Equivalent. Review of final calculations from that treatment was noted at 85.9 Gy or 429.5 rem to target. The summed total given between both treatments in order to achieve the initial prescribed treatment dose as detailed in the written directive equals 104.9 Gy or 87.4% of the initial written directive.

Sincerely,

A handwritten signature in cursive script that reads "Eric M. Colaianni".

Eric M. Colaianni CNMT, RSO, SARMC-Boise-License number 11-27306-.01,