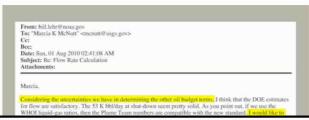
141784.1.1



From: bill.lehr@noaa.gov
To: "Marcia K McNutt" <mcnutt@usgs.gov>

Cc:

Bcc:

Date: Sun, 01 Aug 2010 02:41:08 AM Subject: Re: Flow Rate Calculation

Attachments:

Marcia,

Considering the uncertainties we have in determining the other oil budget terms. I think that the DOE estimates for flow are satisfactory. The 53 K bbl/day at shut-down seem pretty solid. As you point out, if we use the WHOI liquid-gas ratios, then the Plume Team numbers are compatible with the new standard. I would like to see more details someday on the 4% reduction due to riser impedence (as compared to the BP guess of 20%) and justification for the use of a different compressibility than the reported value of 6.

```
> Sent: 07/31/2010 03:19 PM AST

> To: "OConnor, Rod"

> Cc; "husskerfol@comcast.net"; "Hunter, Tom

> (Sandia)"; Marcia McNutt; "Ken Salazar

> (slv@ios, doi; goy)"

> Subject: RE: Flow Rate Calculation
> I am OK. Tom, Marcia and Ken should weigh in.
> Steven Chu
                                                                                                                                                                                                 NOA017-000069
TREX-141784.0001
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