

From: virginia.kay [REDACTED]
Sent: Wednesday, March 07, 2012 12:15 PM
To: Dimarzio, John A.; Eichner, John M.
Subject: Fw: SPD Supplemental EIS -Action Item 163

I think this should close the action.... agree?

----- Forwarded by Virginia Kay [REDACTED] on 03/07/2012 12:14 PM -----

From: Kenneth Fuller [REDACTED]
To: Virginia Kay [REDACTED]
Cc: Sachiko McAlhany/NNSA/DOE/Srs@Srs, H Gunter [REDACTED] Vernon Jones [REDACTED] Ronald Oprea [REDACTED]
Date: 03/07/2012 08:57 AM
Subject: Fw: SPD Supplemental EIS -Action Item 163

See information attached below provided by Vern on F/H Lab mods provided in the PDC Alternatives study to support the other (PDC) options. If you need more than this on mods to support PDC, you should ask Oprea's group to provide as the PDC project should have already provided this for the SEIS. John's question below should have or could have been covered last fall, but maybe it was an oversight or missed in SEIS data call. Any additional PDC datacall information should not be assigned to me.

----- Forwarded by Kenneth Fuller/SRNS/Srs on 03/07/2012 08:42 AM -----

From: "Dimarzio, John A." [REDACTED]
To: <virginia.kay [REDACTED]>
Cc: <sachiko-w.mcalhany@nnsa.srs.gov>, <eloy.saldiva [REDACTED]>, <kenneth.fuller [REDACTED]>, <h.gunter [REDACTED]>, <Cynthia.Williams [REDACTED]>, "Eichner, John M." [REDACTED], < [REDACTED]>, "Roles, Gary W." [REDACTED], "Taylor, Ellen L." [REDACTED]
Date: 03/06/2012 01:09 PM
Subject: RE: SPD Supplemental EIS -Action Item 163

Thank you for the information on modification to the F-/H-Lab due to HC/HBL processing of plutonium.

Although DOE is not planning to construct the PDC in K-Area, we are still analyzing this in the SPD SEIS. Therefore, if there are upgrades to the F-/H-Lab that would be needed to support the PDC if it were built, I would think that we need to describe (and analyze) them.

From: virginia.kay [REDACTED]
Sent: Tuesday, March 06, 2012 12:14 PM
To: Dimarzio, John A.; Eichner, John M.
Cc: sachiko-w.mcalhany@nnsa.srs.gov; eloy.saldiva [REDACTED]
Subject: Fw: SPD Supplemental EIS -Action Item 163

Response to Action 163

Please note that the possible modifications to H Canyon described below are attributable to NNSA's request for H Canyon to produce "polish" feed for MOX. Please do not go into this level of detail in the description for the need for those modifications. Please use more generic description of the need for the lab mod's. such as "Alternatives including options for pit disassembly and conversion could also result in minor modifications being needed at F/H laboratories to support additional analytical needs. Those modifications include...."

----- Forwarded by Virginia Kay [REDACTED] on 03/06/2012 11:20 AM -----

From: Kenneth Fuller [REDACTED]
To: Virginia Kay [REDACTED], Cynthia Williams [REDACTED], Eloy Saldiva [REDACTED]
Cc: H Gunter [REDACTED], Sachiko Mcalwany/NNSA/DOE/Srs@Srs, Edward Sadowski [REDACTED], Vernon Jones [REDACTED]
Date: 03/06/2012 11:18 AM
Subject: SPD Supplemental EIS -Action Item 163

F/H Laboratory modifications needed to support PDC (old PDC/PuP) are no longer required with the cancelation of PDC project. Minimal, if any, modifications are required in the F/H Lab to support processing of the AFS-2 material to the AP specification. An incremental F/H -Lab staffing of 10 FTE/yr was identified to support the AFS-2 mission. NNSA has requested NMO to identify the impacts to making 250 kgs of MP quality feed to support startup of MFFF. The following additional analytical capabilities and instruments not currently available at SRS would be required to support analysis of MP feed/product from HB-Line:

- Procurement, installation, and laboratory renovations to house a new nitrogen analyzer and glove box.
- If lab is not able to meet specifications for boron and/or silicon by ICP/MS, then would required procurement, installation and laboratory renovations to house new DC-Arc coupled ICP-ES analyzer and glove box.
- Would renovate existing lab rooms/modules to install new equipment.
- Would expect minimal rad waste volumes associated with modifications/installations (Lab confirm or provide estimate)
- Would expect minimal, if any dose, to construct modifications (Lab confirm)