

**From:** [Hill, John](#)  
**To:** [Lee, Robert J](#)  
**Cc:** [Ackerman, Andrew](#); [Bebon, Michael J](#); [Benmerrouche, Mohamed](#); [Hulbert, Steven](#); [Johnson, Erik D](#); [Keister, Jeffrey](#); [Mattson, Gail](#); [Moss, Steven H](#); [Sullivan, Patrick \(BHSO\)](#); [Willeke, Ferdinand](#); [Shaftan, Timur](#); [Stiegler, Lori](#); [Vescovo, Elio](#); [Zitvogel, Emil](#); [Zschack, Paul](#)  
**Subject:** RE: Recommendation to Authorize Commissioning of 21-ID ESM beamline  
**Date:** Friday, July 22, 2016 2:13:31 PM

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Thank you Bob.

I hereby concur with your recommendation and authorize the start of commissioning on the 21-ID ESM beamline.

Congratulations to all concerned – and good luck!

John

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**From:** Lee, Robert J  
**Sent:** Friday, July 22, 2016 1:49 PM  
**To:** Hill, John <hill@bnl.gov>  
**Cc:** Ackerman, Andrew <ackerman@bnl.gov>; Bebon, Michael J <bebon@bnl.gov>; Benmerrouche, Mohamed <Benmerrouche@bnl.gov>; Hulbert, Steven <hulbert@bnl.gov>; Johnson, Erik D <johnson@bnl.gov>; Keister, Jeffrey <jkeister@bnl.gov>; Mattson, Gail <gmattson@bnl.gov>; Moss, Steven H <shmoss@bnl.gov>; Sullivan, Patrick (BHSO) <Patrick.Sullivan@science.doe.gov>; Willeke, Ferdinand <willeke@bnl.gov>; Shaftan, Timur <shaftan@bnl.gov>; Stiegler, Lori <stiegler@bnl.gov>; Vescovo, Elio <vescovo@bnl.gov>; Zitvogel, Emil <zitvogel@bnl.gov>; Zschack, Paul <pzschack@bnl.gov>  
**Subject:** RE: Recommendation to Authorize Commissioning of 21-ID ESM Front End and Insertion Device.

The prestart finding regarding changes to water flows for the 21-ID optical components have been resolved and the finding closed. Attached is my memo recommending that you authorize commissioning of the 21-ID, EM beamline along with a copy of the fully executed IRP. Commissioning is expected to commence on Monday July 25.

If there are any questions regarding this request please contact me.

*Robert J. Lee, P.E.  
ESH Manager  
NSLS-II Department  
P.O. Box 5000, Bldg. 745  
Upton, NY 11973  
(631)344-7936  
(631)872-8790 (cell)*

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**From:** Lee, Robert J  
**Sent:** Friday, July 08, 2016 3:12 PM

**To:** Hill, John

**Cc:** Ackerman, Andrew; Bebon, Michael J; Benmerrouche, Mohamed; Hulbert, Steven; Johnson, Erik D; Keister, Jeffrey; Mattson, Gail; Moss, Steven H; Sullivan, Patrick (BHSO); Willeke, Ferdinand; Shaftan, Timur; Stiegler, Lori; Vescovo, Elio; Zitvogel, Emil; Zschack, Paul

**Subject:** Recommendation to Authorize Commissioning of 21-ID ESM Front End and Insertion Device.

Attached is my memo recommending that you authorize commissioning of the 21-ID ESM Front End and Insertion Device. An IRR was held on June 28 – 29 during which a self-identified prestart finding was presented to the review team. The finding concerns the Equipment Protection System for two mirrors in the beamline and the inability to satisfy water flow requirements due to pressure losses in the system. There were no additional prestart findings identified during the IRR. Per the attached memo, to facilitate commissioning of the front end and ID, I have prepared a Tailored Review Plan that recognizes and clarifies that prestart findings associated with the beamline would not preclude commissioning of the front end and ID. Andrew Ackerman as the IRR Review team lead as well as several members of the IRR review team have concurred with this approach to commission the 21-ID FE/ID. To ensure that the beamline does not see beam during FE/ID commissioning, the front end safety and photon shutters shall remain under LOTO. My recommendation to approve commissioning of the beamline will follow once the prestart finding has been satisfactorily addressed.

A copy of the Tailored Review Plan is also attached that requires your signature.

If there are any questions regarding this request please contact me.

*Robert J. Lee, P.E.*

*ESH Manager*

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