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for the U.S. Department of Energy

# Memo

Date: February 17, 2017  
 To: John Hill  
 From: Robert J. Lee, NSLS-II ESH Manager *R. Lee 2-17-17*  
 Subject: Recommendation to Authorize Start of Commissioning of 02-ID, SIX Beamline

The Instrument Readiness Review for the SIX beamline closed on February 17, 2017, the scope of which was spread over the course of four months with a preliminary review performed on November 8, an interim review on January 18 and the final review on February 15. The review team was comprised of T. Nehring (MPO), M. Cubillo (SHSD), H. Kahnhauser/C. Schaefer (RCD), A. Etkin (C-AD), C. Mazzoli (NSLS-II), E. Blum (NSLS-II) and M. Hauptman (QMO). The review was managed by A. Ackerman of NSLS-II. The Instrument Readiness Plan (IRP) was used to define the scope of this review and was exercised to provide the basis to declare the instrument ready for commissioning.

There were several open actions that were identified by the NSLS-II Radiation Safety Committee and communicated to the IRR team during the January 18<sup>th</sup> review. These actions prevented the beamline from declaring readiness to commission. These actions were addressed and verified as completed during the February 15 final review. There were no prestart actions identified as a result of the final review.

In accordance with our IRR Procedure, PS-C-ESH-PRC-001, Steve Hulbert, the Technical Authority for the 02- ID IRP, has affirmed that the IRP has been fully implemented and the beamline is ready to begin commissioning. I have concurred with this declaration. The plan has also been signed by M. Hauptman as the IRR team Quality Assurance Representative as affirmation that there were no prestart findings identified during the final review. Based upon the successful IRR and full implementation of the IRP, I am recommending that you authorize commissioning of the Cell 02-ID (SIX) beamline. Post start findings from the review are being finalized and will be addressed as soon as practicable. Commissioning will proceed in accordance with the SIX technical commissioning plan and the SIX Radiation Survey Plan. Progression for commissioning the beamline will also be governed by the NSLS-II procedure NSLS-II Beamlines Radiation Safety Commissioning Plan (PS-C-XFD-PRC-004) which assures commissioning is completed in a safe, secure and environmentally sound manner.

If there are any questions pertaining to this matter, or if you would like to review any of the associated documentation, please contact me.

Dist.	A. Ackerman	M. Bebon	M. Benmerrouche	M. Buckley
	S. Hulbert	I. Jarrige	E. Johnson	J. Keister
	G. Mattson	S. Moss	T. Shaftan	L. Stiegler
	P. Sullivan, BHSO	E. Zitvogel	P. Zschack	

cc: K. Rubino  
A. Shoemaker-Skokov