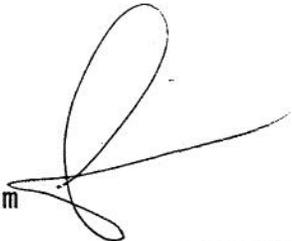


May 20, 1994

To: L. E. Price  Director, HEP  
From: A. Schriesheim Laboratory Director  
Subject: **APPROVAL FOR THE ARGONNE WAKEFIELD ACCELERATOR (AWA) TO INITIATE PHASE-I COMMISSIONING EFFORTS AND APPROVAL OF THE AWA PHASE-I ACCELERATOR SAFETY ENVELOPE (ASE)**

- References: 1. Memorandum, F. Y. Fradin to A. Schriesheim, March 7, 1994, AWA Hazard Classification.
2. Letter, A. L. Taboas to A. Schriesheim, May 2, 1994, above subject.

As documented in Reference 1, an independent review of the Argonne Wakefield Accelerator (AWA) Safety Assessment Document (SAD) has been completed in accordance with DOE Order 5480.25. Based on this independent review, I hereby approve the AWA Phase-I (SAD).

The enclosed Reference 2 transmits DOE-AAO approval of the AWA Phase-I Accelerator Safety Envelope, as defined in the AWA Phase-I SAD, and approval to initiate commissioning for the AWA facility. ER-1 has concurred in the designation of the AWA as a low-hazard facility.

Based upon independent reviews, my approval of the AWA Phase-I SAD, and the DOE approvals, authorization to initiate commissioning activities for the AWA is granted. The following two conditions need to be addressed after initiation of commissioning of the Argonne Wakefield Accelerator (AWA):

- o Personnel qualification requirements (e.g., certifications) shall be documented for all positions identified in the AWA Phase-I SAD (per section 12a(2) of DOE Order 5480.25).
- o Safety standards for experimental apparatus, and criteria for performing a safety review prior to the apparatus being interfaced with the accelerator, shall be documented (per Section 10f of DOE Order 5480.25).

Please provide to this office the above requested documentation for subsequent transmittal to the DOE-AAO.



**Department of Energy**  
 Argonne Area Office  
 9800 South Cass Avenue  
 Argonne, Illinois 60439

MAY 02 1994

Dr. Alan Schriesheim, Director  
 Argonne National Laboratory  
 9700 South Cass Avenue  
 Argonne, IL 60439

Dear Dr. Schriesheim:

SUBJECT: APPROVAL FOR THE ARGONNE WAKEFIELD ACCELERATOR (AWA) TO INITIATE PHASE-I COMMISSIONING EFFORTS AND APPROVAL OF THE AWA PHASE-I ACCELERATOR SAFETY ENVELOPE (ASE)

The Argonne Area Office (AAO) hereby approves the Argonne Wakefield Accelerator (AWA) Phase-I Accelerator Safety Envelope (ASE). The AWA has been designated a low-hazard accelerator facility by ER-1. Initiation of Phase-I commissioning for the AWA facility is also approved. The following two conditions need to be addressed in a timely manner after commissioning initiation:

- o Personnel qualification requirements (e.g., certifications) shall be documented for all positions identified in the AWA Phase-I SAD (per Section 12a(2) of DOE Order 5480.25).
- o Safety standards for experimental apparatus, and criteria for performing a safety review prior to the apparatus being interfaced with the accelerator, shall be documented (per Section 10f of DOE Order 5480.25).

The AWA Phase-I commissioning approval is based upon a determination that the risks as analyzed in the AWA Phase-I Safety Assessment Document (SAD) are acceptable when conducted within the ASE, an Accelerator Readiness Review (ARR) of appropriate scope and depth was conducted, approved testing procedures for commissioning were developed, and all issues from the ARR were adequately addressed.

Please provide this office with the documentation, outlined above, in a timely manner after commissioning initiation. If you have any questions concerning this information, please contact me or have your staff contact Jon Neuhoff at extension 2-4169.

Action to DCP  
 Copy to RJT,  
FYF  
 OTD File #

Sincerely,

A. L. Taboas  
 Area Manager

ESH/QA  
 This correspondence has been indexed in the OJD for record retention in the above office. No OTD file is maintained.

- cc: D. Parzyck, ANL  
 F. Fradin, ANL  
 S. Morss, ANL  
 L. Price, ANL  
 J. Simpson, ANL

**RECEIVED**  
 ASSISTANT LABORATORY DIRECTOR  
 ESH/QA OVERSIGHT

MAY 02 '94

OFFICE OF THE DIRECTOR  
 ARGONNE NATL LABORATORY

ROUTE	ACTION	INFO	FILE
Amundson			
Chipman			
Drago			
Koisto			
Leggett	✓		✓
Mathiesen			
Miller			
Shields			
Winnar			

94 MAY 2 10-40

Hammer ✓