

DRAFT 4

**Spallation Neutron Source ASAC Review
SNS Project Office, Oak Ridge
February 5-7, 2001**

Agenda

Monday, February 5

8:00	Closed Session	
8:30	Welcome and Introduction	D. Moncton
9:15	Update on Project Status and Progress	E. Temple
10:00	Break	
10:15	SNS Accelerator System Overview	R. Kustom
11:15	Accelerator Physics Studies and the Path to 2 MW	J. Wei
12:15	Lunch	
1:15	SNS Beam Instrumentation System	T. Shea
2:00	Commissioning Plan	G. Dodson
2:45	Applications Software Plan	J. Galambos
3:15	Break	
3:30	Front-End Presentations	R. Keller
3:30	Front-End Overview and Progress	R. Keller
4:00	Ion Source and LEPT Results	R. Keller
4:30	Emittance Collimation in the RFQ	J. Staples
5:00	Front End Commissioning Plan	J. Staples
5:30	Adjourn	
6:30	Committee Working Dinner	

DRAFT 4

Tuesday, February 6

8:00	Closed Session	
8:30	Linac Presentations	D. Rej & C. Rode
8:30	Linac Overview and Progress	D. Rej
9:15	Space-Charge Tune Space and the Potential Role of DTL EMQs	J. Stovall
10:00	Break	
10:15	DTL & CCL Cold Model Results	J. Billen
11:00	Linac Code Comparisons	J. Stovall
11:30	Error Studies with Steering	J. Stovall
12:30	Lunch	
1:30	RF System and IGBT Prototype Results	M. Lynch
2:00	Cryomodule and Refrigerator Status	C. Rode
2:30	Cavity R&D and Performance	P. Kneisel
3:30	Break	
3:45	Fundamental Power Couplers	P. Kneisel
4:30	HOM Analysis and HOM Couplers	R. Sundelin
5:15	Closed Session	
6:30	Conference Dinner	

DRAFT 4

Wednesday, February 7

8:00	Closed Session	
8:30	HEBT-Ring-RTBT Presentations	W. Weng
8:30	Ring Overview and Progress	W. Weng / Y.Y. Lee
9:15	Magnetic Errors, Dynamic Aperture and Corrections	I. Papaphilippou
10:00	Break	
10:15	Space Charge and Halo	A. Fedotov
11:00	HEBT and RTBT Issues	D. Raparia
11:30	Extraction Kicker and Coupling Impedances	Y. Y. Lee
12:00	Controls System Progress and Overview	D. Gurd
12:15	Closed Session Lunch	
1:15	Closeout	
2:15	Departure	

CHARGE TO THE ACCELERATOR SYSTEMS ADVISORY COMMITTEE

Provide an assessment of the physics and technical progress on the project. Does the committee see any serious problem areas?

Are there technology designs that could be improved within the constraints of funding and schedules? Are there any problem areas that might be potential show stoppers?

Because of funding constraints the scope of the SNS accelerator systems had to be reduced. Please comment on the order and priority of restoring this descoped hardware to reach 2MW as funds become available during the project and operations.