APPENDIX G

SUPPORTING DOCUMENTS

During the preparation of this conceptual design, a number of engineering notes were written which provide greater detail on a given topic than the results summarized herein. These notes are kept on file in the DØ Engineering Note library.

NOTE	TITLE	AUTHOR	DATE
3823.111-EN-338	LHe Flow Regime/Pressure Drop for DØ Solenoid at Steady State Conditions	Russ Rucinski	03/03/93
3823.111-EN-341	DØ Solenoid: Pressure Ratings for Some Chimney and Control Dewar Components	Russ Rucinski	05/25/93
3823.111-EN-342	Chimney LN2 Radiation Shield Attachment Area Calculation	Russ Rucinski	05/26/93
3823.111-EN-343	DØ Solenoid: Rectangular LHe Supply Tubing, Misc. Information	Russ Rucinski	05/26/93
3823.111-EN-344	Heat Load Calculations for Solenoid Chimney	Russ Rucinski	05/26/93
3823.111-EN-345	Solenoid Insulating Vacuum Vessel: Relief Path Capacity Calculations	Russ Rucinski	05/26/93
3823.111-EN-348	Vacuum Pumping Calculations for the DØ Solenoid	Russ Rucinski	08/02/93
3823.111-EN-349	Thermal Contraction Analysis for the DØ Solenoid Chimney	Russ Rucinski	10/01/93
3823.111-EN-350	DØ Solenoid Current Leads	Russ Rucinski	10/04/93

NOTE	TITLE	AUTHOR	DATE
3823.111-EN-351	Control Dewar Subcooler Heat Exchanger Calculations	Russ Rucinski	10/04/93
3823.111-EN-352	Control Dewar LHe Reservoir Sizing	Russ Rucinski	10/04/93
3823.111-EN-353	Control Dewar Secondary Vacuum Container	Russ Rucinski	10/04/93
3823.111-EN-354	DØ Solenoid Chimney Open Issues	Russ Rucinski	10/04/93
3823.111-EN-355	DØ Solenoid Control Dewar Open Issues	Russ Rucinski	10/04/93
3823.111-EN-356	DØ Solenoid Chimney Routing Clearances	Russ Rucinski	10/04/93
3823.111-EN-358	Cold Mass Support System for the DØ Solenoid	Bruce Squires	08/09/93
3823.111-EN-359	Cold Mass Cool Down Calculation for the DØ Solenoid	Bruce Squires	07/27/93
3823.111-EN-360	DØ Solenoid Cold Mass Steady State Operation: Helium Flow Calculation and Cold Mass Temperature Profile	Bruce Squires	07/28/93
3823.111-EN-361	Heat Loads in the DØ Solenoid Cryostat	Bruce Squires	09/09/93
3823.111-EN-362	A Collection of Calculations on the DØ Solenoid Cryostat	Bruce Squires	09/09/93
3823.111-EN-365	Lifetime Radiation Levels in DØ Beta	R. P. Smith	10/14/92
3823.111-EN-366	DØ Beta Magnet Decentering Forces: An Image Dipole Approach	R. P. Smith	10/30/92
3823.111-EN-367	DØ Beta Magnet Decentering forces: An Image Solenoid Approach	R. P. Smith	11/20/92

NOTE	TITLE	AUTHOR	DATE
3823.111-EN-368	Charging and Discharging the DØ Beta Magnet	R. P. Smith	05/28/93
3823.111-EN-369	A Superconducting Scoping Study for the DØ Beta Magnet	R. P. Smith	03/31/93
3823.111-EN-370	DØ Beta Magnet Alignment Considerations	R. P. Smith	06/28/93
3823.111-EN-371	DØ Solenoid Chimney Fabrication Plan	Russ Rucinski	08/05/93
3823.111-EN-372	DØ Solenoid LN2 Shield	A. M. Stefanik	08/09/93
3823.111-EN-373	DØ Chimney Lead Quench Detection for Beta Solenoid	Age Visser	10/01/93
3823.111-EN-374	Energy Losses in the DØ Beta Solenoid Cryostat Caused by Current Changes	Age Visser	10/01/93
3823.111-EN-379	Loss of Vacuum Calculation for the DØ Solenoid	Bruce Squires	02/17/94
3823.111-EN-380	Aluminum Stabilizer for the DØ Magnet Superconductor	R. P. Smith	11/06/93
3823.111-EN-404	Beam Heating in the DØ Solenoid	R. P. Smith	01/19/94
3823.111-EN-405	Revised Lifetime Radiation Levels in DØ Beta	R. P. Smith	10/28/93