

PROJECT CONTROL DOCUMENT – TRP 9957 / 0411C

PROJECT TITLE: Integrating Steel Production with Mineral Sequestration

PROJECT DESCRIPTION: The objective of the project is to develop the design for an integrated steel mill – carbon disposal unit where the material substrate for carbon dioxide disposal is also mined as iron ore. The project will develop the various chemical pathways available for mineral sequestration and result in the production of an iron oxide concentrate ready for reduction in the blast furnace or direct reduction furnace.

PRIMARY RESEARCH ORGANIZATION(S):

Columbia University
New York, NY

PRINCIPAL INVESTIGATOR(S): Dr. Klaus Lackner

PROJECT PARTICIPANTS:

Dofasco	Gallatin Steel
Hylsa	Mittal Steel
Ipsco	Nucor
Praxair	Timken Company
US Steel	

PROJECT DURATION: 24 Months

PROJECT START DATE: 5/6/05

PROJECT BUDGET (excluding AISI Project Mgmt.): \$350,213

TECHNICAL PROJECT MANAGER: Bill Obenchain – AISI Washington, DC

KEY CONTACTS:

<u>NAME</u>	<u>COMPANY</u>	<u>PHONE</u>	<u>FAX</u>
K. Lackner	Columbia	212-854-0304	212-854-
W. Obenchain	AISI	202-452-7208	202-463-6573
J. Vehec	AISI	412-922-2772 x216	412-922-3213
D. Aichbhaumik	DOE	303-275-4763	303-275-4753
S. Olynyk	Dofasco	905-548-6107	
L.K. Chiang	Gallatin Steel	859-567-3271	859-567-3205
R. Viramontes	Hylsa	(52 81)8865-2804	(52 81)8865-2810
K. Nagel	Mittal Steel	330-659-9165	330-659-7434
J. Wesselman	Ipsco	630-810-4758	630-810-4603
S. Rowlan	Nucor	704-366-7000	704-362-4208
W. Slye	Praxair	716-879-2802	716-879-7275
R. Fryan	Timken Company	330-471-3571	330-471-3827
P. Glaws	Timken Company	330-471-2360	330-471-4077
O. Fortini	US Steel	412-825-2277	412-825-2871