

## Interoffice Correspondence

Massachusetts Institute of Technology  
Department of Chemical Engineering

**Memorandum to:** Team 4 – Group Members

**From:** Gregory J. McRae

**Subject:** Assignment of ICE Design Topic Spring 2006

**Date:** 27<sup>th</sup> February 2006

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Dear Team 4 – Group Members:

One of the challenges in reducing emissions from electricity generation is separating the CO<sub>2</sub> from the flue gas. A variety of techniques have been proposed including stripping using amine solutions. Your assignment is to develop a design for removing CO<sub>2</sub> that could be retrofitting to existing coal fired power plants. During the next week I want you to look at the technologies for removing CO<sub>2</sub> and prepare a plan of attack.

You are not to discuss with your class mates either the technology you have been asked to evaluate or your findings as you progress with your designs. A separate handout describes the structure of the final report.