

## Interoffice Correspondence

Massachusetts Institute of Technology  
Department of Chemical Engineering

**Memorandum to:** Group 5 – Team 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 Group 5 – Team Members:

One of the challenges in reducing emissions from electricity generation is to remove the CO<sub>2</sub> from the flue gas. Most of the existing power plants in the US and for that matter around the world do not have any CO<sub>2</sub> capture technologies installed. Your task is to assess the feasibility of retrofitting existing plants with CO<sub>2</sub> removal technologies. Your assignment for this next week is to develop a suitable option and develop 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.