

GEOSEMINAR

Nuclear Fission – Geotechnical Aspects

by

Douglas Cortes

Abstract

Satisfying the growing energy needs of nations around the globe is perhaps one of the most fascinating challenges the human race will face in the near future. The issue of global warming and its correlation with carbon emissions has brought back in to the picture the generation of power through nuclear fission reactors. In this presentation I will go over the fundamentals of nuclear fission and move towards the issue of radioactive waste disposal from a geotechnical engineering perspective.

Time: 12:05 - 12:55 pm

Date: Friday, November 30th, 2007

Room: Mason 142A

Douglas earned his B.S. from the Georgia Institute of Technology in 2006. He is currently in his second year as a graduate research assistant at Georgia Tech working under the mentorship of Dr. Carlos Santamarina.