

# Spatial effects of Power Generation in North Carolina

Research Proposal

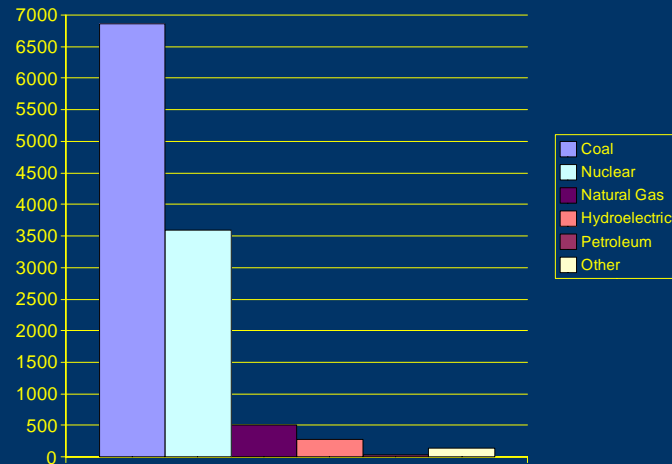
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## Introduction

- Power Generation in North Carolina: Overview
- Research Questions
- Possible Effects

## Power Generation

Power Generated (x1000 Mw)



## Research Questions

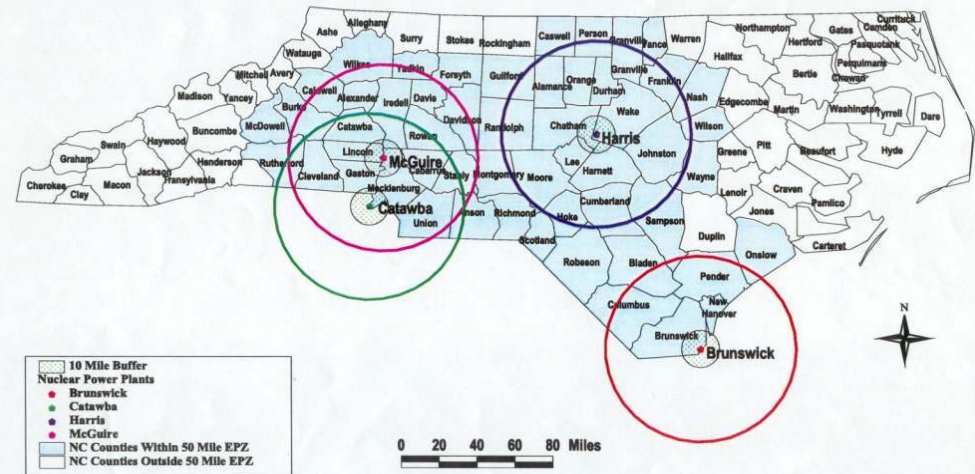
- What are the spatial effects of electrical power generation in North Carolina?
  - Direct effects
  - Indirect effects

# Research Questions

- What are the specific spatial effects of each form of electrical power generation used in North Carolina?
  - Direct effects
  - Indirect effects



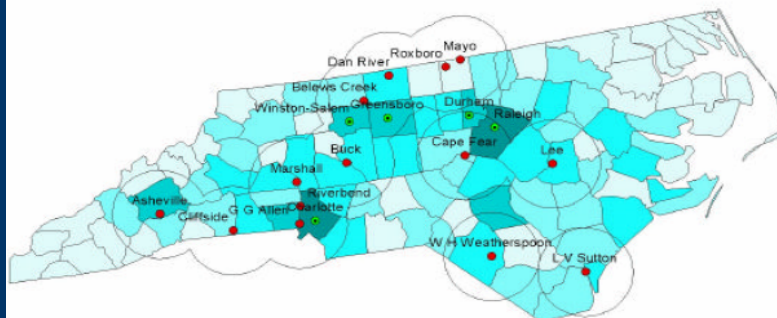
## North Carolina Utilities Nuclear Power Plants



Source: <http://www.epi.state.nc.us/epi/phpr/ki/ki.html>

Information & Planning  
Tech Services/GIS Section  
g:\nuclear\nucashes.apr  
04/28/02

## North Carolina State Profile of Exposure to Coal-Fired Power



### Map Legend

Circles Represent a Thirty Mile Radius around Power Plants

Source: cleartheair.org

## Possible Effects

- Pollution from coal plants in specific areas
- Safety radius around nuclear plants
- Effects on rivers and/or agriculture
- Fuel logistics