

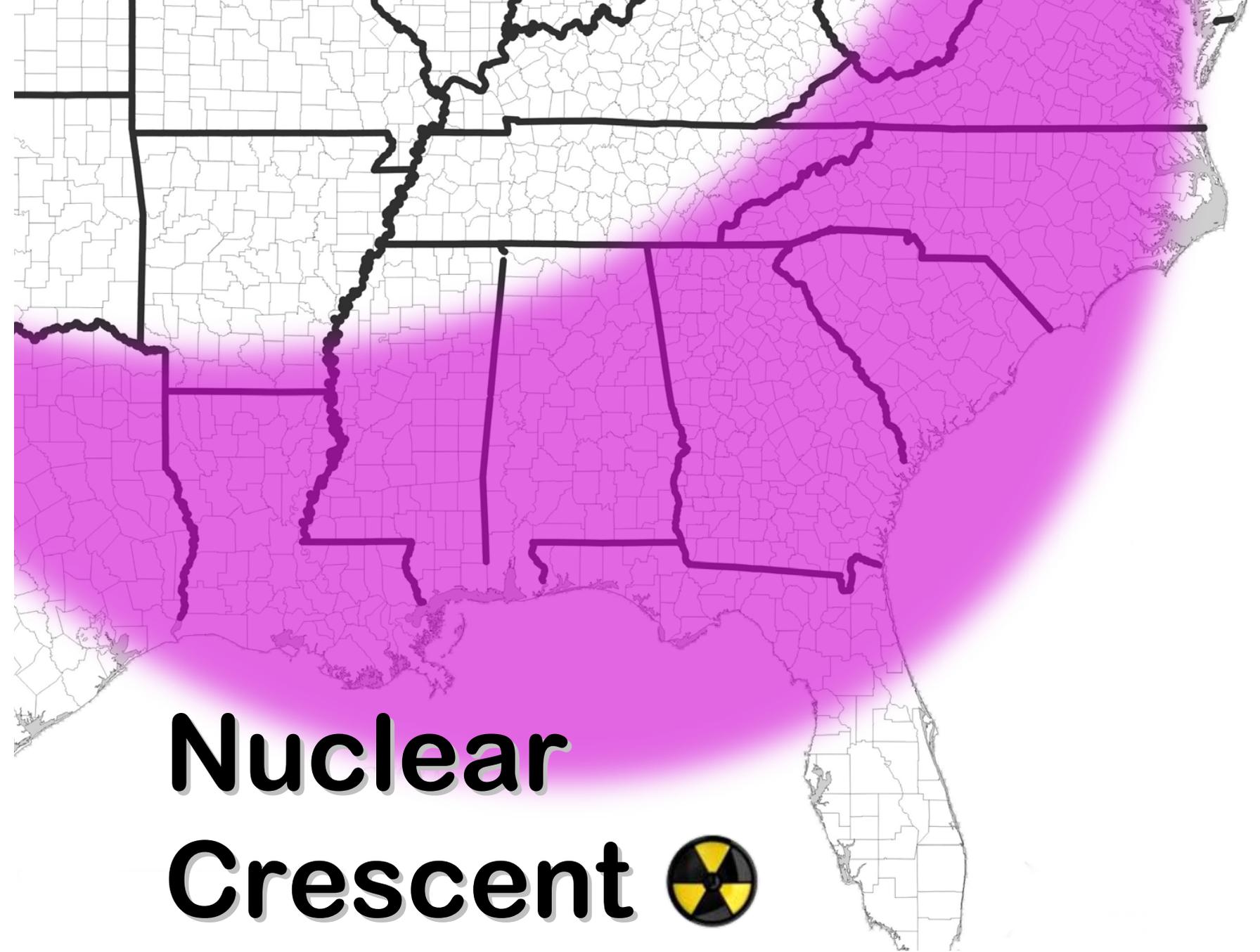


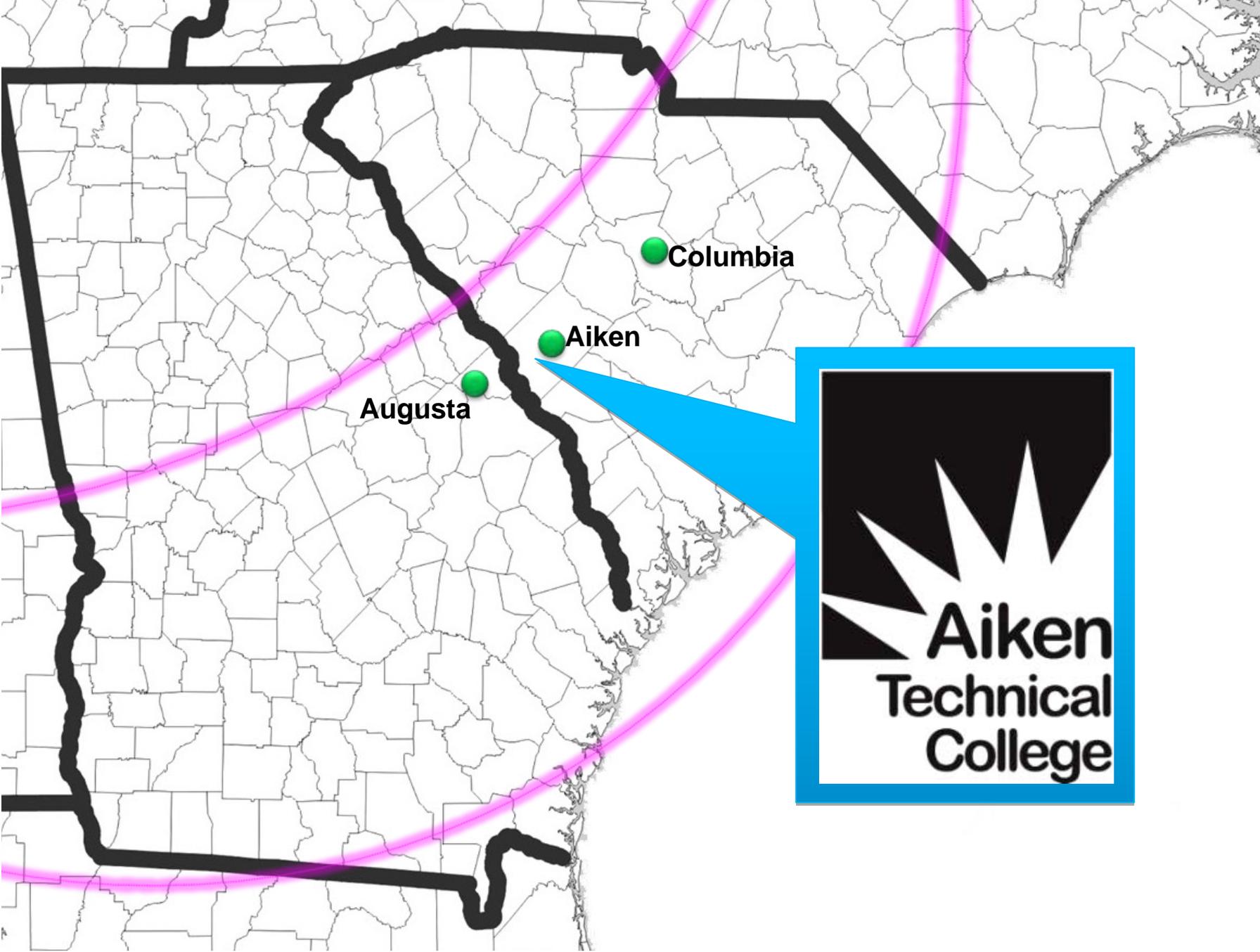
Radiation Protection Technology



Wade Miller RRPT, AAHP(A)
Sr. HP, Savannah River Nuclear Solutions
Program Coordinator – Radiation Protection Technology

Nuclear Crescent





Columbia

Aiken

Augusta



Aiken
Technical
College



ATC Nuclear Present

2008

Certificate in Radiological Control

2008 - 2009

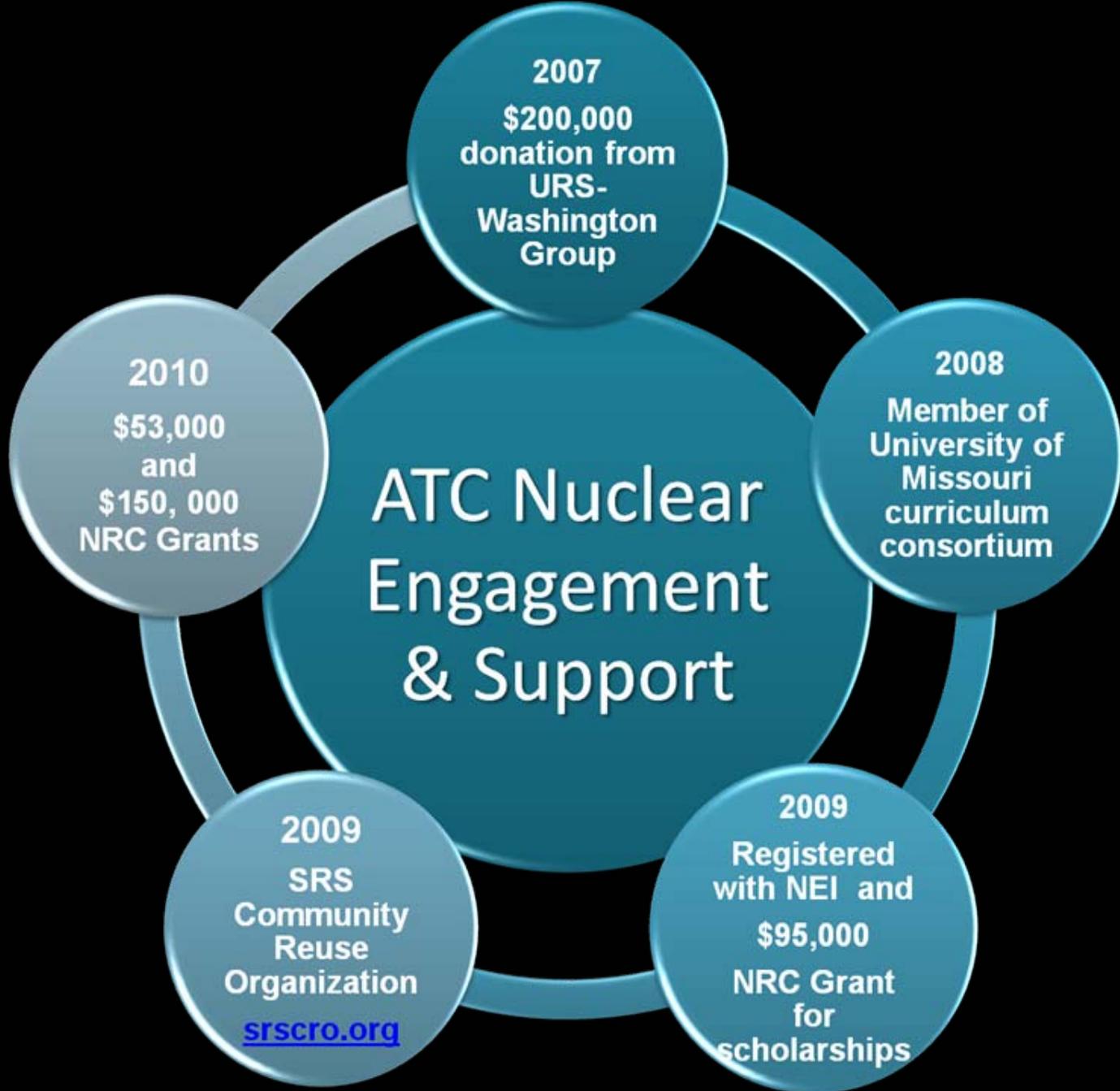
Established "Fast-Track" program in cooperation with Savannah River Nuclear Solutions (SRNS)

2009

Associate of Applied Science:
Major in Radiation Protection Technology

Fall - 2010

NEI-NUCP Curriculum Starts



ATC Nuclear Engagement & Support

2007
\$200,000
donation from
URS-
Washington
Group

2008
Member of
University of
Missouri
curriculum
consortium

2009
Registered
with NEI and
\$95,000
NRC Grant
for
scholarships

2009
SRS
Community
Reuse
Organization
srscro.org

2010
\$53,000
and
\$150,000
NRC Grants

Industry Partnerships/Support



SCANA / VC Summer
SRNS / SRNL / SRR
URS / Washington Group
Bartlett Services, Inc. / Unitech
Value Added Solutions / Frham
Canberra / Mirion Technologies

SCANA / VC Summer

SRNS / SRNL / SRR

URS / Washington Group

Bartlett Services, Inc. / Unitech

Value Added Solutions / Frham

Canberra / Mirion Technologies

Advisory Committee Support

Members from local industry and higher education



Savannah River Site – SRNS/SRR

VC Summer (SCANA)

Plant Vogtle (Southern Company)

Bartlett Services, Inc.

Shaw-Areva/MOX

Parsons

Medical College of Georgia

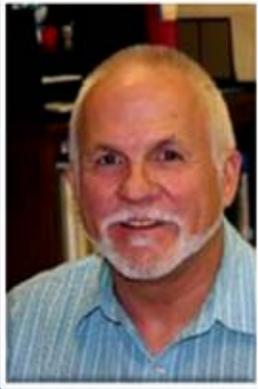
Eisenhower Army Medical Center/Ft. Gordon

Francis Marion University, Florence, SC

University of South Carolina, Columbia, SC

South Carolina State University, Orangeburg, SC

Full Time Faculty



David Deal
RRPT, MACE
*Academic
Coordinator*

US Navy - Nuclear (9 years)

- Fast attack Sub - Lead ELT
- Staff Instructor at NPTU
Ballston Spa, NY- Engineering
Watch Supervisor (D1G)

Commercial Nuclear (22 years)

- Entergy
- RP Technician
- RP Supervisor
- ALARA Supervisor
- RP Superintendent
- RP Trainer
- Supervisor Trainer



Wade Miller
RRPT, AAHP (A)
*Program
Coordinator*

Charleston NSYD , RCT/NEIT (3 yrs)

- NAVSEA 108
- Rad Waste Processing

FermiLab, RCT II & ARSO (7 ½ yrs)

- D&D Project Lead
- Fixed Target Ops, Rad Training

Pantex, HP (4 ½ yrs)

- non-MAA Ops, RGDs, Pit
Repackaging

Los Alamos National Lab, HP (3 yrs)

- RGDs, Plutonium Facility
ALARA

Savannah River Site, Sr. HP (3+ yrs)

- Sr. Hp, SNM reprocessing facility

A D J U N C T S



Henry Bolen, RRPT
SRNS, K-Area ES&H Mgr

21 years - DOE

Greg Cefus, MS
*SRNL, Office of Global Radiological
Threat Reduction*

10 years - DOE
12 years - SRNL

Michelle Holman, MS
Sr. HP, SRNS

2 years training reactor
1 year commercial nuclear
4 years - DOE

Bill Ferguson, RRPT
Principal HP, SRR

6 years US Nuclear Navy
18 years commercial nuclear
20 years - DOE

Pedro LopezdeVictoria, MS
Training Manager, Parsons

6 years US Nuclear Navy
13 years commercial nuclear
5 years - DOD
2 years - DOE

Bob Prince, MS
*Fuel Facilities Inspector,
NRC Region II*

35 years commercial nuclear
7 years NRC

Gordon Quillin, MS
*Deputy Director, Radiological
Protection Dept., SRNS*

15 years commercial nuclear
20 years DOE & private consulting

Core Curriculum

RPT Courses

RPT-101 – Introduction to Radiation Protection

RPT-103 – Radiation Fundamentals

NET-105 – Reactor Components and Systems

RPT-113 – Radiation Monitoring

RPT-223 – Radiation Dosimetry

RPT-233 – Radioactive Materials Handling

RPT-243 – Radiological Safety and Response

RPT-253 – Radiation Protection

Industry Focused

RPT-290 – RPT Internship

RPT-120 – 40 hour HAZWOPER

ENG-160 – Technical Communications

ENG-260 – Advanced Technical Communications

EGR-105 – Safety in the Workplace



Lab Equipment

Donations & Loans

- **SRS**
Hand-held Survey Instruments
- **Frham Safety Products**
Containments, Posting Supplies
- **UNITECH**
Anti-C Needs
- **Value-Added Solutions**
Hand-held Survey Instruments, Air Samplers, HandECounts, Triathler, Consumables
- **VC Summer**
EPDs and Reader





Enrollment and Course History

Fall 2008

41 students

3 subjects

4 classes

2 labs

Spring 2010

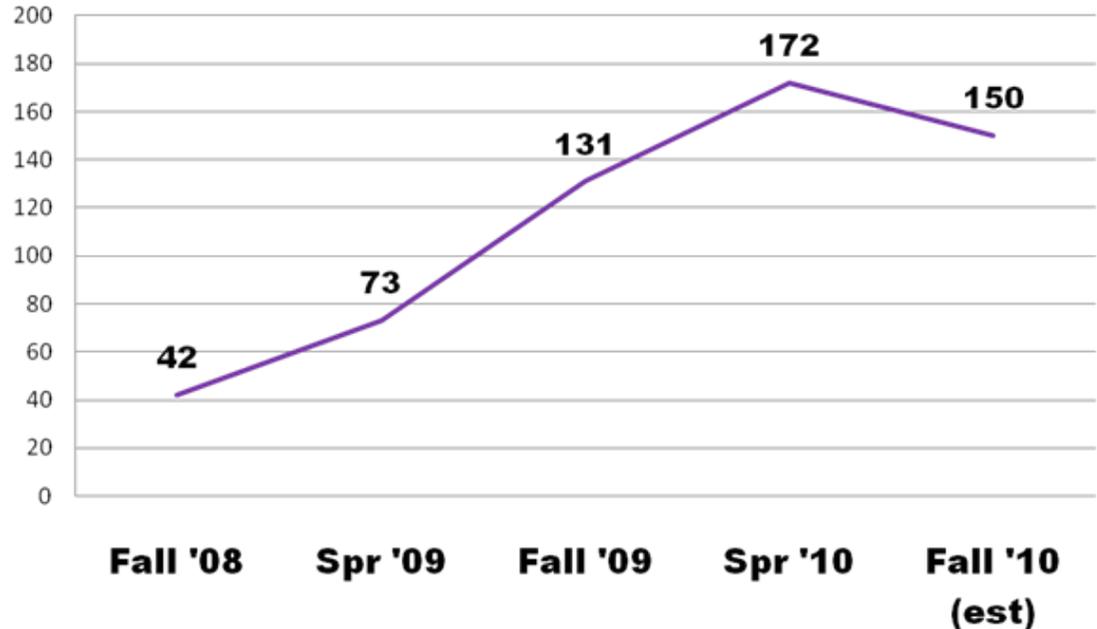
172 students

9 subjects

16 classes

5 labs

Students in program
at start of each semester



**16 STUDENTS OBTAINED CERTIFICATES IN FALL '09
10 CERTIFICATES AND 14 AS DEGREES IN SPRING '10
EVERY GRADUATE HAS BEEN PLACED OR IS IN THE
PROCESS OF GETTING PLACED.**

RPT Activities/ Future

**NEI-NUCP
Qualified
Curriculum
(Fall-2010)**

**Technical
Scholars Program**

**Letter of Intent for
Quality Control
and Quality
Assurance**

Lab Vision

Expansion of
Scenario-driven
mock-ups

Possible Relationships

GET Training
HPS Student Chapter





Questions?

Thank you!

