

Scott is a nuclear industry veteran with 37 years of commercial nuclear experience covering 27 nuclear power stations, two Department of Energy sites, and the Nuclear Regulatory Commission. I am currently working at the Cooper Nuclear Station as an ISFSI Project Engineer. My experience base includes:

**ISFSI Startups:**

- Cooper Nuclear Station Independent Spent Fuel Storage Installation (ISFSI) startup and initial loading. This includes ensuring the:
  - Requirements of the Certificate of Compliance, Technical Specifications, FSAR commitments, and NRC SER are met
  - Station Part 50 programs are expanded to cover ISFSI operations
  - Pre-operational testing and dry run training program is completed

**NRC Inspections:**

- Independent Spent Fuel Storage Installation (ISFSI) construction and startup. This includes ISFSI pad concrete work, dry fuel canister welding, cask handling cranes (including single failure-proof), and pre-operational testing.
- Plant Decommissioning (San Onofre Unit 1 and Rancho Seco)
- Problem Identification and Resolution (PI&R)

**Operations:**

- Hot functional and power ascension testing
- Normal plant startups, shutdowns, and refuelings
- SAR/Technical Specification development
- Part 50.59 and 72.48 safety analyses
- Operations advisor/mentor
- Procedure writing
- Toxic waste transfer and storage operations
- Hazardous waste operations

**Operations Training:**

- Classroom, simulator, and OJT instruction for licensed and non-licensed operators, Shift Technical Advisors (STA's), and Engineering staff. Instruction includes fundamentals, systems, integrated facility operations, casualty response, Technical Specifications, and shift resource management.
- Development of two complete INPO accredited training programs. This includes Job and Task analyses and development of lesson plans, simulator exercises, JPMs, exam banks, and task to training matrices.
- Development of simulator scenarios for Emergency Operating Procedures

**Outage Management:**

- Work control center operation
- Clearance (lock and tag) development
- Shutdown risk analysis
- Work package development
- Outage coordination

**Quality Assurance:**

- Requirements based and performance based audits and assessments
- Event reporting and corrective action program implementation

**Decommissioning:**

- Independent Spent Fuel Storage Installation (ISFSI) startup and operation
- Spent fuel and fuel rack inspection
- Systems and equipment deconstruction, removal, and shipment
- Surface and imbedded pipe remediation using both wet and dry technologies

**EXPERIENCE**

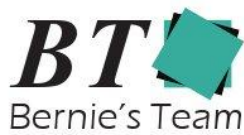
Cooper Nuclear Station, Nebraska Public Power District  
03/2010 to Present

As a Project Engineer, prepared CNS for startup and operation of their Independent Spent Fuel Storage Installation (ISFSI). This included preparation for the following three NRC inspections to be conducted prior to ISFSI startup:

- Programs inspection:  
Requirements of the Certificate of Compliance, Technical Specifications, FSAR commitments, and NRC SER conditions are met. The station Part 50 programs are expanded to cover ISFSI operations.
- Pre-operational testing and dry run training program inspection:  
ISFSI equipment is tested, procedures are validated, and personnel are trained.
- Initial loading inspection:  
Loading is conducted safely, in accordance with written and approved procedures, and within the provisions of the Dry Cask Storage license.

TriVis Inc.

10/2009 to 02/2010



As a Project Engineer, performed the duties of project lead for the La Crosse BWR ISFSI project.

U.S. Nuclear Regulatory Commission

09/2003 to 10/2009

As a Senior Project Inspector (DRP) in Region II, completed the following dry fuel storage (ISFSI) inspections:

- Pre-operational testing of the Forced Helium Dehydration (FHD) and Supplemental Cooling System (SCS) at the Farley ISFSI.
- Monticello welding demonstration
- Monticello cask crane inspection
- Grand Gulf cask crane inspection
- Developed the inspection criteria for the Brunswick ISFSI pad pour
- Kewaunee cask crane inspection
- Ginna cask crane Factory Acceptance Testing in Waukesaw, WI
- Kewaunee initial loading

As a Senior Project Inspector (DRP) in Region II, completed the following Problem Identification and Resolution (PI&R) inspections:

- H.B. Robinson
- VC Summer
- St. Lucie
- McGuire
- Browns Ferry
- Farley (team leader)
- Vogtle (team leader)

As a Transportation Packaging and Dry Storage System Safety Inspector (DNMS) in Region IV, completed 24 pre-operational testing inspections and 13 routine operational inspections at 37 ISFSIs in Region IV and Region II.

Trojan Station, Portland General Electric.

09/2002 to 08/2003

As an ISFSI Loading Shift Manager, directed pre-operational testing of ISFSI components and systems; conducted On-The-Job training in ISFSI system operation; loaded 33 canisters with spent fuel, transferred them into concrete storage casks and moved the concrete casks to the ISFSI pad.

Calvert Cliffs Station, Constellation Energy.

08/2001 to 08/2002

As a Senior Operations Instructor, provided simulator training in abnormal and emergency operating procedures, including event classification and use of EALs. Participated in development of the 2002 Initial License Operator NRC examination including the written portion, job performance measures, and walkthrough. Developed and implemented requalification training for the OJT/OJE instructors and evaluators.

Indian Point 2 Station, Consolidated Edison.

12/2000 to 07/2001

As an Operations Instructor, validated and upgraded the existing Operator task list, task to training matrix, and training materials.

D.C. Cook Station, American Electric Power.

03/2000 to 12/2000

As a Senior Operations Instructor, developed and tested simulator scenarios for emergency operating procedures.

As an Operations Procedure Writer, developed and revised normal operating and surveillance testing procedures for the Unit 2 startup.

Trojan Station, Portland General Electric.

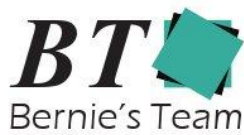
10/1998 to 02/2000

As an ISFSI Shift Supervisor, directed functional and pre-operational testing of ISFSI components and systems. This includes fuel loading and basket welding, dewatering, vacuum drying, hydrostatic testing, and helium leak testing. Developed, reviewed, and revised operating procedures.

As a Team Leader for Surface and Imbedded Pipe Remediation, evaluated and purchased advanced remediation tools, developed effective remediation techniques, and coordinated crew tasks and schedules.

San Onofre Nuclear Station, Southern California Edison.

01/1998 to 08/1998



As a Training Specialist, developed lesson plans for the plant modification process and conducted the first Senior Reactor Operator classroom instruction on this subject. Evaluated plant design changes for simulator impact.

As a QA Event Reporting Specialist, investigated Operations department events resulting from inadequacies in work planning, procedure use, verbal and written communications, resource management, program management, shift operating practices, and supervisory skills. Recommended corrective actions and developed trending reports.

Zion Nuclear Station, Commonwealth Edison.  
07/1997 to 12/1997

As an ISEG Assessor, performed QA and safety assessments for Operations, Training, Engineering, and Maintenance. Developed corrective actions for deficiencies.

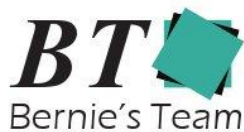
Lasalle County Nuclear Station, Commonwealth Edison.  
03/1997 to 07/1997

Salem Station, Public Service Electric and Gas.  
12/1995 to 03/1997

As an Operations Advisor at both stations, conducted instruction in fundamentals, integrated plant operations, event reporting, and effective shift management techniques. Completed performance based assessments of plant operations to determine alignment with INPO good practices for Conduct of Operations. Developed and implemented the Conduct of Operations procedures. Developed and implemented the Operator Workaround Tracking Program.

Millstone Unit 2, Northeast Utilities.  
02/1995 to 12/1995

As an Operations Planner, developed and implemented the post maintenance testing program. Developed and implemented tracking systems for clearance conflicts and scheduling holds. Evaluated clearances for personnel safety adequacy. Reviewed outage schedules and performed Shutdown Risk Assessments.



Indian Point Unit 3, New York Power Authority.  
08/1994 to 02/1995

As an Operations Planner, evaluated work packages for equipment and system alignments, clearances, Technical Specification impact, post-maintenance testing, and schedule logic. Assisted operations in developing system outage windows.

Hanford Reservation, Department of Energy.  
01/1992 to 08/1994

As an Operations Advisor, directed start-up testing of the toxic waste evaporator facility. Developed and implemented job performance measures (JPMs), exam banks, and casualty drills. Developed and conducted Engineer training for toxic waste tank transfer operations and casualty response. Performed classroom and OJT instruction in fundamentals, systems, and effective shift management techniques. Completed requirements based and performance based assessments of Waste Tank Operations to determine compliance with DOE Orders, and developed a recovery plan for deficiencies. Developed and implemented the Conduct of Operations procedures.

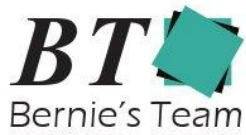
Savannah River K-Reactor, Department of Energy.  
09/1989 to 01/1992

As an Operations Advisor, conducted startup testing of K-Reactor. Performed risk assessment, SAR revision, and Technical Specification development. Developed and implemented the Operator Watch Station Rounds. Developed and implemented the Plan of the Day (POD), work control, and clearance programs. Identified root causes for the loss of equipment and systems configuration control, and developed solutions. Developed and implemented the Conduct of Operations procedures.

Crystal River Station, Florida Power Corp.  
06/1986 to 09/1989

Palisades Station, Consumers Power Corp.  
06/1985 to 06/1986

As a Senior Operations Instructor at both stations, designed, developed, and implemented two complete INPO accredited training programs for Licensed Operators, Non-Licensed Operators, Shift Technical Advisors, and Engineering Staff. The development included Job and Task Analyses, development of terminal and enabling objectives, lesson plans, simulator exercises, examination banks, task to training matrices, and schedules. Performed classroom and OJT instruction, job



performance measures, drills, oral boards, and simulator performance evaluations. Developed and implemented the Non-Licensed Operator re-qualification programs.

Diablo Canyon Station, Pacific Gas and Electric.  
06/1984 to 06/1985

As an Operations Startup Advisor, directed hot functional and power ascension testing on Units 1 and 2.

Wolf Creek Station, Kansas Gas and Electric.  
01/1984 to 06/1984

As an Operations Startup Advisor, developed hot functional and power ascension testing procedures and integrated Technical Specification surveillance testing into the startup programs.

San Onofre Nuclear Station, Southern California Edison.

04/1982 to 12/1983

As an Operations Startup Advisor, directed hot functional and power ascension testing on Units 2 and 3.

As a Work Control Supervisor, scheduled and tracked Unit 3 maintenance activities. Coordinated the Operations / Maintenance interface for equipment clearances, and represented Operations at daily startup coordination meetings.

As a Training Specialist, evaluated plant design changes for simulator impact. Identified design changes that affected system and component response and assisted in development of needed simulator modeling changes.

Maine Yankee Station, Maine Yankee Atomic Power Co.

10/1973 to 04/1982

As an Operator, progressed from Plant Equipment Operator to Shift Manager. Directed shift operations, maintenance, and security personnel as Shift Manager for last four years. Trained the shift operators in proper watch standing techniques and alarm response. Directed seven refueling operations.

Nuclear Submarines, U.S.NAVY.

12/1966 to 12/1972

Machinist Mate and Engineering Laboratory Technician.



**EMPLOYMENT HISTORY**

- Cooper Nuclear Station, Nebraska Public Power District 03/2010 to Present
- TriVis, Inc. 10/2009 to 02/2010
- U.S. Nuclear Regulatory Commission (Regions II and IV) 09/2003 to 10/2009
- Trojan Station, Portland General Electric 09/2002 to 08/2003
- Calvert Cliffs, Constellation Energy. 08/2001 to 08/2002
- Indian Point 2, Consolidated Edison. 12/2000 to 07/2001
- DC Cook Station, American Electric Power. 03/ 2000 to 12/2000
- Trojan Nuclear Station, Portland General Electric. 10/1998 to 02/2000
- San Onofre Nuclear Station, Southern California Edison. 01/1998 to 08/1998
- Zion Nuclear Station, Commonwealth Edison. 07/1997 to 12/1997
- Lasalle County Nuclear Station, Commonwealth Edison. 03/1997 to 07/1997
- Salem Station, Public Service Electric and Gas. 12/1995 to 03/1997
- Millstone Unit 2, Northeast Utilities. 02/1995 to 12/1995
- Indian Point Unit 3, New York Power Authority. 08/1994 to 02/1995
- Hanford Reservation, Department of Energy. 01/1992 to 08/1994
- Savannah River K-Reactor, Department of Energy. 09/1989 to 01/1992
- Crystal River Station, Florida Power Corp. 06/1986 to 09/1989
- Palisades Station, Consumers Power Corp. 06/1985 to 06/1986
- Diablo Canyon, Pacific Gas and Electric. 06/1984 to 06/1985
- Wolf Creek Station, Kansas Gas and Electric. 01/1984 to 06/1984
- San Onofre Nuclear Station, Southern California Edison. 04/1982 to 12/1993
- Maine Yankee Station, Maine Yankee Atomic Power Co. 10/1973 to 04/1982
- Nuclear Submarines, U.S.NAVY. 12/1966 to 12/1972

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**EDUCATION**

- University of Maine, B.S., Business Administration. 1979
- New Hampshire College, Masters of Business Administration (MBA). 1982
- Thomas A. Edison University, B.S., Nuclear Engineering Technology. 1987

**LICENSES, CERTIFICATIONS AND SPECIALIZED TRAINING**

- Transportation Packaging and Dry Storage System Safety Inspector; NRC
- Senior Reactor Operator License; Maine Yankee
- Senior Reactor Operator Certifications; Palisades, Crystal River, and Diablo Canyon (CE, B&W, and Westinghouse)
- Fuel Handler Certification; Trojan Station
- DOE "Q" Security Clearance; Savannah River Plant
- Hazardous Materials Operations (40 hour); Hanford Reservation
- Welding and Non Destructive Examination; ASME / Hellier – Houston, TX
- Overhead Cranes; Crane Inspection and Certification Bureau - Orlando, FL
- Overhead Cranes; P&H Cranes - Pewaukee, WI
- Concrete Principles and Standards; Portland Cement Association – Skokie, IL