February 28, 2001

Mr. Andre - Claude Lacoste
Director, Nuclear Installations
Safety Directorate (DSIN)
99, rue de Grenelle
75353 Paris 07 SP
France

Dear Mr. Lacoste:

The U.S. Nuclear Regulatory Commission (NRC) would like to place one of its senior staff members, Mr. Andrew Persinko, with DSIN to better understand how DSIN regulates and assures the safety of French non-reactor facilities.

Mr. Persinko is currently the NRC's project manager for the mixed oxide (MOX) project in the U.S., the purpose of which is to dispose of surplus weapons-grade plutonium. Although Mr. Persinko has overall project management responsibilities that include both MOX fuel fabrication and use of MOX fuel in reactors, his primary interest is fuel fabrication. In addition to learning DSIN regulations and methodologies related to MOX fuel fabrication, he would also like to gain knowledge regarding DSIN regulation of fuel facilities in general.

Mr. Persinko has worked at the NRC for over 15 years and has worked in the nuclear industry for over 20 years. His experience includes both reactor and materials regulation at NRC, and materials issues related to weapons production gained while he worked at several Department of Energy facilities. His most recent experience in the materials area at NRC, in addition to MOX activities, includes playing a key role in revising NRC regulations related to the domestic licensing of special nuclear material (Part 70), issues related to gaseous diffusion plants, and spent fuel storage. Mr. Persinko's formal education includes, a Master's degree in seismic/structural engineering from the Massachusetts Institute of Technology (MIT).

We would like Mr. Persinko to begin his assignment in late March 2001, lasting for 2 to 3 months. If this assignment is acceptable to you, I would appreciate it if you would provide a contact with whom we can work out the logistical details.

Sincerely,

Janice Dunn Lee, Director
Office of International Programs

W. Travers, EDO

Distribution:
W. Kane, NMSS
M. Weber, NMSS
D. Persinko, NMSS
H. Faulkner, IP
R. Hauber, IP
J. Dunn Lee, IP

ADAMS ACCESSION NUMBER:
ADAMS DOCUMENT TITLE:
G:\Countries\FRANCE\Persinko.wpd

☐ Publicly Available ☐ Non-Publicly Available ☐ Sensitive ☐ Non-Sensitive

OFFICE	OIP TEAM A	OIP TEAM D	NMSS	OIP TEAM D
NAME	H Faulkner	R Hauber RH	W Kane	J.D. Lee
DATE	2/15/2000	2/21/2000	2/24/2000	2/25/2000

OFFICIAL RECORD COPY

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

February 28, 2001

Mr. Andre - Claude Lacoste
Director, Nuclear Installations
Safety Directorate (DSIN)
99, rue de Grenelle
75353 Paris 07 SP
France

Dear Mr. Lacoste:

The U.S. Nuclear Regulatory Commission (NRC) would like to place one of its senior staff members, Mr. Andrew Persinko, with DSIN to better understand how DSIN regulates and assures the safety of French non-reactor facilities.

Mr. Persinko is currently the NRC's project manager for the mixed oxide (MOX) project in the U.S., the purpose of which is to dispose of surplus weapons-grade plutonium. Although Mr. Persinko has overall project management responsibilities that include both MOX fuel fabrication and use of MOX fuel in reactors, his primary interest is fuel fabrication. In addition to learning DSIN regulations and methodologies related to MOX fuel fabrication, he would also like to gain knowledge regarding DSIN regulation of fuel facilities in general.

Mr. Persinko has worked at the NRC for over 15 years and has worked in the nuclear industry for over 20 years. His experience includes both reactor and materials regulation at NRC, and materials issues related to weapons production gained while he worked at several Department of Energy facilities. His most recent experience in the materials area at NRC, in addition to MOX activities, includes playing a key role in revising NRC regulations related to the domestic licensing of special nuclear material (Part 70), issues related to gaseous diffusion plants, and spent fuel storage. Mr. Persinko's formal education includes, a Master's degree in seismic/structural engineering from the Massachusetts Institute of Technology (MIT).

We would like Mr. Persinko to begin his assignment in late March 2001, lasting for 2 to 3 months. If this assignment is acceptable to you, I would appreciate it if you would provide a contact with whom we can work out the logistical details.

Sincerely,

Janice Dunn Lee, Director
Office of International Programs

W. Travers, EDO

ANDREW PERSINKO

PROFESSIONAL SUMMARY

- Over twenty-five years of engineering experience, with over twenty in the nuclear industry
- Performed structural technical analyses, project management, field inspection, policy formulation activities related to nuclear power plants, nuclear fuel cycle facilities and Department of Energy weapons facilities
- Provided management and technical support to Department of Energy contractors
- Education includes masters degree in civil engineering and masters degree in business administration

EXPERIENCE

U.S. Nuclear Regulatory Commission 1996-Present

Sr. Nuclear Engineer

- Licensing project manager for the mixed oxide (MOX) fuel fabrication facility responsible for technical review, schedules, resources, and overall NRC policy issues
- Guided NRC license review of the Atomic Vapor Laser Isotope Separation Facility (AVLIS) as AVLIS licensing project manager; responsible for technical review, schedules, resources, and overall policy
- Revised 10 CFR Part 70 and developed associated Standard Review Plan as Task Force Leader of a dedicated task force. Revised rule incorporates accident risk analysis, performance standards, and safety program requirements
- Performed technical evaluations of seismic upgrades at the Paducah Gaseous Diffusion Plant
- Wrote the first NRC Annual Report to Congress on the gaseous diffusion plants

Nuclear Engineer

- Responsible for developing eight rulemakings involving spent fuel storage
- Assessed employee concerns program development and implementation at Millstone

Consultant 1992-1996

Senior Engineer

- Provided management and technical assistance to Department of Energy and Department of Energy contractors at Hanford, Rocky Flats, and Savannah River
- Assisted Department of Energy in determining use of its facilities across the Department of Energy complex for processing and storing nuclear materials (spent nuclear fuel, plutonium, uranium)
- Evaluated need and feasibility for upgrading older Department of Energy facilities
- Assisted Department of Energy in formulating implementation strategies and responding to Defense Nuclear Facilities Safety Board recommendations
- Applied several risk prioritization methodologies to determine cost beneficial upgrades
- Assisted in performing safety evaluations in structural, fire protection, emergency power, and confinement ventilation
- Performed compliance assessment activities of Department of Energy facilities
- Provided licensing training courses to commercial nuclear utilities

U.S. Nuclear Regulatory Commission 1979-1990

Senior Technical Assistant/License Renewal Project Manager

- Interacted with Yankee Atomic Electric Company and coordinated license renewal policy applicable to the Yankee Rowe plant

Acting Section Chief, NRC Region IV

- Performed NRC oversight of plant activities and resident inspector activities at Wolf Creek and South Texas
- Performed inspections, approved inspection and SALP reports, assessed equipment operability, and technical specification compliance

Senior Technical Assistant

- Authored reports to Congress
- Resident Inspector at Nine Mile Point
- Formulated NRC approach to reviewing CANDU 3 heavy water reactor
- Provided NRC oversight of control room activities at Pilgrim during plant restart

Maintenance and Inspection Engineer

- Conducted maintenance surveys and inspections
- Formulated NRC maintenance inspection plan and trained NRC inspectors
- Headed NRC team inspecting maintenance at Davis-Besse as a prerequisite for resuming operations

Integrated Assessment Project Manager

- Performed seismic/structural analyses and reviews of nuclear plant structures including containment analyses for seismic and LOCA loads for ten plants
- Analyzed structures for tornados and tornado missiles for ten plants
- Performed technical analyses in the areas of natural phenomena and structural
- Developed backfit recommendations for Millstone 1 and Ginna involving all aspects of design and operation
- Assessed reliability of diesel generators through field inspections and analysis
- Performed structural review of spent fuel pool and testified at public hearings

Structural Engineer

- Analyzed and reviewed analyses of masonry block walls and seismic response of control room at Trojan
- Provided written and oral testimony at public hearings

Massachusetts Institute of Technology 1977-1990

Research Assistant

- Designed reinforced concrete structures using different design methodologies and analyzed their response to seismic loadings using MIT computer codes

E.I. DuPont de Nemours 1974-1977

Construction Engineer/Design Engineer

- Directly responsible for all aspects of the field construction of a multi-million dollar chemical plant expansion project. Responsibilities included planning/scheduling, field design, interface with operations, field safety, cost control, quality control, daily interface with craft superintendents and foremen (pipefitters, electricians, ironworkers, laborers, boilermakers, carpenters, millwrights)
- Designed steel and concrete structures

EDUCATION

S.M.C.E.	Civil Engineering, Massachusetts Institute of Technology
B.C.E.	Civil Engineering, University of Delaware
M.B.A.	Business Administration, University of Maryland
Certificate	Environmental Regulatory Compliance, University of Denver
Certificate	UNIX/C/C++ Computer Programming

PROFESSIONAL AFFILIATIONS/LICENSES

E.I.T. Delaware
American Society of Civil Engineers
American Nuclear Society

PUBLICATIONS

"Aseismic Design Procedures for Reinforced Concrete Frames," M.I.T Report R79-21, July 1979

"The Effects of a Tornado on Nuclear Power Plant Structures," Proceedings of the 7th Structural Mechanics in Reactor Technology Conference, August 1983

"Integrated Plant Safety Assessment, Millstone Nuclear Power Station Unit 1," NUREG-0824, February 1983

"Integrated Plant Safety Assessment, Ginna Nuclear Power Station," NUREG-0821, August 1983

"Perceived Margins of Safety of Nuclear Power Plant Structures Under Evolving Design Codes and Loading Criteria," Proceedings of the 8th Structural Mechanics in Reactor Technology Conference, August 1985

"An Investigation of the Contributors to Wrong Unit or Wrong Train Events," NUREG-1192, 1986