

RAS 8522

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WESCAN: 42A Adrian Court, Cortlandt Manor, NY 10567 914-739-6164
NYCAN: 144 North 11 St, Brooklyn, NY 11211 718-963-9105
NHCAN, 14 North Main St, Newton, NH, 603-382-2575

CITIZENS AWARENESS NETWORK

September 21, 2004

DOCKETED
USNRC

Secretary
United States Nuclear Regulatory Commission
Washington, DC 20555-0001
ATT: Rulemakings and Adjudications Staff

September 21, 2004 (3:44PM)

OFFICE OF SECRETARY
RULEMAKINGS AND
ADJUDICATIONS STAFF

RE: In the matter of Yankee Atomic Electric Company
(Yankee Nuclear Power Station, Rowe, Massachusetts)

Docket no. 50-029

Dear Rulemakings and Adjudications Staff:

Enclosed for filing in the above referenced matter please find the original and two copies of a letter from Citizens Awareness Network to the parties to the above matter attaching a resume of CAN's hydrogeological expert Robert Ross which was provided to them electronically on this day.

Sincerely,



Deborah B. Katz
Executive Director
Citizens Awareness Network

cc: Service List

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CITIZENS AWARENESS NETWORK

September 21, 2004

Chief Judge G. Paul Bollwerk, III
Atomic Safety and Licensing Board
United States Nuclear Regulatory Commission
Washington, D.C. 20555

RE: *In the matter of Yankee Atomic Electric Company LTP*
(Yankee Nuclear Power Station, Rowe, Massachusetts)
Docket no. 50-029
ASLBP No. 04-831-01-OLA

Dear Chief Law Judge Bollwerk (and Parties to above referenced case):

A PDF file copy of CAN's hydrogeological expert Robert Ross's resume was attached to the e-mail CAN sent to you today. Attached hereto is a paper copy of Mr. Ross's resume. We spoke with Mr. Ross soon after receiving the NRC Staff Answer that mentioned a problem accessing Mr. Ross's resume. That problem has been fixed. The web-hosting site had accidentally disconnected website hyperlinks. Please try the site again to get a general view of Mr. Ross's team and their overall experience:

Entire site access:

<http://www.ross-environmental.com/>

Resumes of Mr. Ross and his staff:

http://www.ross-environmental.com/about_us.htm

CAN is sorry for any inconvenience the temporary problem with the website may have may have caused.

Sincerely,



Deb Katz, Executive Director
Citizens Awareness Network, Inc.

cc: Service List

ROSS ENVIRONMENTAL ASSOCIATES, INC.

Hydrogeology, Water Quality, GIS Planning,
Contaminant Fate & Transport, Remediation,
& Regulatory Compliance and Permitting



Mr. Ross is a certified ground water professional (CGWP # 455) and professional geologist with over 20 years of professional experience in hydrogeologic and environmental consulting. His project experience includes: ground water contaminant fate and transport studies; expert witness testimony; hydrogeologic investigations at petroleum release sites, industrial facilities, and landfills; design and implementation of contaminant remediation projects; air quality monitoring; CERCLA RI/FA investigations; DNAPL site characterization; ground water development studies; water resource evaluation; water-supply studies; and environmental assessments for real estate transactions.

Education

University of New Hampshire, B.S., Hydrology, 1983.
University of Waterloo, Diagnosis & Remediation of DNAPL Sites, Short Course, 1993.
University of Wisconsin, Water Well Hydraulics, Short Course, 1985.
OSHA 29 CFR 1910.12040-Hour Hazardous Sites Safety Course, 1984, with current 8-hour refresher training.

Representative Accomplishments

Hydrogeologic Investigations

Project manager for numerous hydrogeologic investigations in various geologic settings. Responsible for overall project planning; negotiations with State agencies; implementation of field investigations; and report preparation. Field programs involved: installation of multi-level monitor wells in overburden and bedrock formations, discrete interval ground water sampling, vertical profiling of soil vapors, seismic refraction, Ground Penetrating Radar (GPR), and borehole geophysical surveys, in-situ permeability testing, geochemical water quality characterization, and hydrologic budget analyses. Primary author and co-author for numerous technical reports detailing the findings of hydrogeologic site characterizations.

Surface Water Studies

Conducted various surface water related studies involving hydrologic budgets, seepage meter installation and flux determinations, surface water and sediment sampling, bathymetry surveys, and oversight of ecological assessments related to contaminant investigations. He was the project manager and field supervisor for U.S. Army Corps of Engineers (U.S.ACE) sediment coring study in Lake Michigan for pre- and post-dredging characterization. Responsible for preparation of quality assurance project plans (QAPPs), sample collection using various sampling devices and reporting. Mr. Ross was also the field supervisor and primary diver for SCUBA diving reconnaissance and underwater characterization of submerged coal tar deposits in a short-nosed sturgeon spawning area of the Connecticut River.

Underground Storage Tank (UST) Closures and Assessments

Directed numerous UST closure and hydrogeologic assessments to evaluate potential impacts to the subsurface environment. UST closures have involved removal and replacement of tanks as well as in-place closure beneath or adjacent to buildings. Hydrogeologic assessments at petroleum release sites have included soil vapor surveys; shallow and deep monitor well installation, collection of soil, surface water, indoor air and ground water samples, geologic characterization, and human health and environmental receptor evaluation.

Site Remediation and Restoration

Experience includes remediating soil and ground water contaminated with petroleum products and chlorinated industrial solvents. Responsibilities include defining vertical and lateral extent of contaminant plumes, identifying sensitive receptors, evaluating remedial alternatives, and supervising pilot tests and evaluating pilot test data. Also, responsible for periodic remediation system operation and maintenance. Remediation activities have involved free product recovery, soil-vapor extraction, air sparging, vacuum-enhanced recovery, ground-water pump and treat, soil removal, landfarming, and replacement of impacted drinking water supplies.

Representative Accomplishments (cont.)

Expert Testimony/Litigation Support

Expert witness for cases involving contaminated water supplies, insurance claims, and contamination at industrial sites. Responsible for review and critique of third-party reports, independent assessment of project data, and litigation support for depositions and civil trials.

Environmental Site Assessments and Due Diligence

Responsible for conducting and managing environmental site assessments following ASTM guidelines for Transaction Screens, Phase I, and Phase II assessments. Representative projects have included: large residential subdivisions, State development projects, agricultural land, industrial facilities, and commercial properties.

Superfund Remedial Investigations/Feasibility Studies

Responsibilities included management of comprehensive field programs, supervision of subcontractors, and preparation of project reports for CERCLA sites in Massachusetts, Maine, New Hampshire and Vermont. Field investigation programs included overburden and bedrock monitor well installation, aquifer characterization, terrain conductivity, VLF, borehole, seismic refraction, and magnetometer geophysical surveys, test pit excavation, and extensive chemical characterization of ground water quality.

Landfill Studies

Project manager for water quality and hydrogeologic studies at over 30 landfills located throughout Vermont. Many of the studies involved developing extensive water quality monitoring programs designed to meet State and Federal solid waste management regulations. Responsibilities included: project planning, negotiations with State agencies, implementation of field investigations, development of chemical Quality Control/Quality Assurance Plans, and report preparation. Mr. Ross has developed comprehensive databases for water quality data with statistical analyses to meet provisions of RCRA Subtitle D.

Water Supply Development and Water Resource Protection

Ground-water resource development experience includes evaluation of hydrologic budgets, fracture trace analyses, geophysical exploration, and pump testing and aquifer analysis. Developed Source Protection Plans (SPPs) and delineated Well Head Protection Areas (WHPA) for various clients to insure protection of valuable ground water resources and to meet regulatory compliance. Projects have involved review and interpretation of water quality data, identification of potential sources of contamination, and evaluation site-specific hydrogeologic conditions. Various projects have also involved specific recommendations to safeguard future uses and protect ground water resources.

Air Quality Impact Assessment and Remediation

Evaluated potential threats to building interiors caused by migrating vapors from subsurface releases of volatile organic compounds. Designed and installed protective measures, including soil vapor extraction systems and vapor barriers, to prevent vapor entry into buildings and to clean up the contaminant sources.

Certifications

Certified Ground Water Professional (CGWP), No. 455, 1993.
NAUI SCUBA Diving Instructor, No. 14189, 1992.
Class 3 Water Operator (Vermont), No. 2440
NH Licensed Professional Geologist, No. 525

Affiliations

Association of Ground Water Scientists and Engineers (AGWSE)
Green Mountain Water Environment Association (GMWEA)
National Association of Underwater Instructors (NAUI)
American Society of Civil Engineers (ASCE)

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

CHIEF JUDGE G. PAUL BOLLWERK, III

In the Matter of)
)
YANKEE ATOMIC ELECTRIC COMPANY) Docket No. 50-29
)
(Yankee (Rowe) Atomic Power Station))
)
License Termination Plan)

CERTIFICATE OF SERVICE

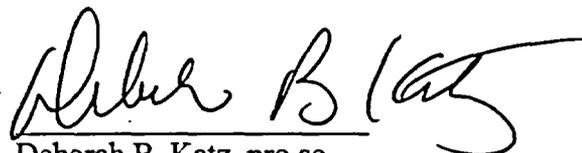
I hereby certify that copies of the within letter and attached resume of Robert Ross in the above-captioned proceeding have been served on the following by deposit in the United States mail, first class; this 21st day of September, 2004.

Office of the Secretary
ATTN: Docketing and Service
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555
hearingdocket@nrc.gov

Margaret J. Bupp, Esq
Office of General Counsel
U.S Nuclear Regulatory Commission
Washington, D.C. 20555
mjb5@nrc.gov

Chief Judge G. Paul Bollwerk, III
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, DC 20555
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Deborah B. Katz, pro se
for Citizens Awareness Network