



April 26, 2005

Nuclear Materials Licensing Section
U.S. Nuclear Regulatory Commission, Region II
Sam Nunn Atlanta Federal Center
61 Forsyth Street, SW
Suite 23T85
Atlanta, Georgia 30303-8931

Subject: NRC License Amendment
License No. 45-21498-01 03020867

Gentlemen:

The purpose of this letter is to inform you of a significant change affecting our materials license. The change that we would like to declare is the removal of Mr. Erin L. Johnson and placement of Mr. Brian D. Owens under Condition 11 of our license. This change of Radiation Safety Officer should be noted as Amendment 22 and should include recent address changes to our license requested in our letter dated April 8, 2005.


Mr. Brian Owens, the proposed Radiation Safety Officer, has completed Troxler Laboratories' training for Radiation Safety Officers on November 6, 2003 in Research Triangle Park, North Carolina. Attached please find a record of the aforementioned training and a copy of Mr. Owens' resume.

As declared in our previous request for amendment, we are requesting that all future correspondences be forwarded to the office located at 21740 Beaumeade Circle, Ashburn, Virginia 20147. Again, this change to condition eleven of our license should be reflected as Amendment 22.

Thank you for your continued attention to our requests. Please contact **Brian D. Owens, E.I.T., RSO** at (276)676-0426 if you require additional information.

Sincerely,

MACTEC Engineering and Consulting, Inc.


Erin Johnson, E.I.T.
Radiation Safety Officer
11/6/2003 to 5/3/2005

05 MAY -2 2005

Attachments:

RECEIVED
REGION I

MACTEC Engineering and Consulting
22455 Davis Drive, Suite 100 • Sterling, VA 20164
703-404-7000 • Fax: 703-404-7070

136984
NMSS/RGNI MATERIALS-002

BRIAN D. OWENS, E.I.T.
Project Geotechnical Engineer
MACTEC ENGINEERING AND CONSULTING, INC.

Education

BS / 2001 / Civil Engineering

Professional Registration/Certification

Engineer-In -Training

Mr. Owens joined MACTEC as a geotechnical engineer in 2002. During his university career, Mr. Owens consistently worked in a number of engineering assistant positions where he gained valuable experience preparing boring logs, performing laboratory soil tests, performing and analyzing rock cores, performing test borings, determining subsurface materials through the use of seismic refraction, and participating in feasibility studies. Mr. Owens also interned as a construction materials testing technician performing concrete testing, inspection of foundations, calculating field density tests, and performing various soil tests.

As a geotechnical engineer, Mr. Owens' responsibilities have included writing proposals for geotechnical and construction services projects, as well as writing the geotechnical, environmental, and construction-related service reports. He is well-versed in foundation inspection for caissons, shallow foundations, and minipiles; non-destructive testing of concrete; and operation of nuclear gauge testing of soil compaction. He routinely conducts field investigations and is responsible for site reconnaissance, boring locations, and review of subsurface stratigraphy.

Coalfields Expressway, Wise, Dickenson, and Buchanan Counties, VA - Project engineer overseeing subsurface investigations for this proposed PPTA project – a 51-mile, 4-lane with median barrier highway to incorporate 33 bridges, several of which are to reach over 150 feet in height. Currently participating in compilation of the final report.

Asphalt Roofing Manufacturing Plant, Palmyra, PA - Field coordinator of subsurface investigations for 2 proposed structures for an asphalt roofing manufacturing plant of approximately 725,000 and 675,000 square feet in plan dimension. The development will also have 2 office spaces, trailer staging areas, employee parking, an entrance road, two ponds, and a water tank.

Willamette Industries New Paper Machine Addition, Kingsport, TN - Staff engineer observing the caisson installation and other shallow foundations for a \$475 million involving a new soda pulp mill, recovery boiler addition, and a new 1,200 ton-per-day paper machine founded on approximately 2,000 caissons. This project was one of the largest capital projects in the paper mill industry in several years.

VDOT – Route 58 PPTA, Meadows of Dan, VA - Project Engineer with oversight of field technicians on this four lane 3.5 mile project. Observed subsurface investigations and concrete placement and testing. Oversight of laboratory testing and communication of these tests to the client on a daily basis.

VDOT – Route 91, Saltville, VA - Project Engineer with oversight of construction inspectors for the relocation of approximately one mile of highway due to underground mining subsidence. Oversight of laboratory testing and compilation of the final report documentation.

Eastman Chemical Plant Clean Coal Silos, Kingsport, TN - Project engineer with oversight of the caisson installation and managing construction services technicians for four reinforced concrete coal silos that were founded on 200 caissons ranging from 42" diameter to 60" diameter.

Bristol Motor Speedway Back Stretch Renovations and Additions, Bristol, TN - Staff engineer with oversight of various construction elements including the installation of 400 caissons for the \$30 million demolition of existing structures and addition of 13,000 seats to Bristol Motor Speedway.

Certificate of Completion

This certifies that

Brian Owens

has successfully completed the
Radiation Safety Officer Class

conducted by the training department of
Troxler Electronic Laboratories, Inc.

Harvey Dunlevy
Harvey Dunlevy

Instructor

11/06/2003

Date

William F. Troxler, Jr.
President

Enrollment ID: 5996



Troxler Electronic Laboratories, Inc.
PO Box 12057 • 3008 Cornwallis Rd. • Research Triangle Park, NC 27709
Phone: (919) 549-8661 • Fax: (919) 549-0761 • Web site: www.troxlerlabs.com

Certificate of Completion

This certifies that

Brian Owens

has successfully completed the

Nuclear Gauge Safety Training Class

conducted by the training department of

Troxler Electronic Laboratories, Inc.

Harvey Dunlevy
Instructor

11/05/2003

Date

William F. Troxler, Jr.
President



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Enrollment ID: 5995

HAZMAT Certification

as required by U.S. DOT and IATA

This certifies that

Brian Owens

has been trained and tested in accordance with the U.S. Department of Transportation and International Air Transport Association (IATA) hazardous material requirements for general awareness/familiarization, function-specific, and safety training as related to the transportation of nuclear gauges. A description of the training course materials is available from Troxler Electronic Laboratories, Inc.

11/06/2003
Training Date

11/06/2005
Expiration per IATA*


11/06/2006
Expiration per USDOT*

Harvey Dunlevy
Instructor

** For shipments by air, the IATA expiration date is applicable. For shipments by highway, the USDOT expiration is applicable.*



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Phone: (919) 549-8661 • Fax: (919) 549-0761 • www.troxlerlabs.com

Certified by
Company Official: 
Company Name: MAKTEC, Inc.
Company Address: 22455 Davis Drive
Suite 100
Sterling, VA 20164

Enrollment ID: 5996

This is to acknowledge the receipt of your letter/application dated

4/26/2005, and to inform you that the initial processing which includes an administrative review has been performed.

Amendment 45-21498-01 There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 136984.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

: (FOR LFMS USE)
: INFORMATION FROM LTS
: -----
:
: Program Code: 03121
: Status Code: 0
: Fee Category: 3P
: Exp. Date: 20140131
: Fee Comments: _____
: Decom Fin Assur Req'd: N
: ::

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

Applicant/Licensee: MACTEC ENGINEERING & CONSULTING, INC
Received Date: 20050502
Docket No: 3020867
Control No.: 136984
License No.: 45-21498-01
Action Type: Amendment

2. FEE ATTACHED

Amount: /
Check No.:

3. COMMENTS

Signed *Debra J. Jernick*
Date 5/11/2005

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /_/)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:

Amendment _____
Renewal _____
License _____

3. OTHER _____

Signed _____
Date _____