



June 7, 2011

Br 4

Mr. John Nicholson
USNRC, Division of Nuclear Materials Safety
Region 1
475 Allendale Road
King of Prussia, PA 19406

03037850

RECEIVED

Subject: Amend License # 20-31340-01 - Appointment of New Radiation Safety Officer (RSO)

Dear Mr. Nicholson:

As we discussed Wednesday June 1, 2011 Shaw Environmental & Infrastructure, Inc.'s license (# 20-31340-01), RSO has terminated employment and Mr. Mark O. Somerville, CHP, has been appointed as acting RSO for the license.

Attached for your review and approval (as the license RSO) is Mr. Somerville's training and experience that relates to the license.

If you need any additional information please do not hesitate to contact me or Mr. Somerville at the following

Mark O. Somerville, Ph.D., CHP, REA
Director
Environment, Safety, Health & Quality
Shaw Environment & Infrastructure, Federal
(805) 441-6747 Cell *(business)*
mark.somerville@shawgrp.com

Sincerely,

Claire Doherty
Shaw Environmental & Infrastructure Group
100 Technology Center Drive
Stoughton, MA 02072-4705
Cell: 617-840-3539 *(business)*
Direct: 617-589-6750

REC'D IN LAT

JUN 16 2011

575393
NMSS/RGN1 MATERIALS-002

STATEMENT OF TRAINING AND EXPERIENCE

Mark O. Somerville
Radiation Safety Officer

Training

- a. Columbia Commonwealth University
Jackson, WY
Years completed: 6
Degree: Ph.D.
Course of Study: Environmental Radioactivity
- b. University of Pittsburgh, Radiation Physics (MS), Board Certification-American Board of Health Physics (CHP)

Experience

From: 4/2007 to: 5/2011 Pacific Gas and Electric Co. – Diablo Canyon Power Plant
Title: Radiation Protection Manager
Radioactive materials License number: DPR 80 / 82
Address: P.O. Box 56
 Avila Beach, CA 93424

From: 1/2000 to: 4/2007 Pacific Gas and Electric Co. – Diablo Canyon Power Plant
Title: Senior Health Physicist – Health Physics Programs
Radioactive materials License number: DPR 80 / 82
Address: P.O. Box 56
 Avila Beach, CA 93424

From: 1/1997 to: 1/2000 Pacific Gas and Electric Co. – Diablo Canyon Power Plant
Title: Senior Health Physicist – NVLAP Technical Director
Radioactive materials License number: DPR 80 / 82
Address: P.O. Box 56
 Avila Beach, CA 93424

From: 4/1990 to: 1/1997 Pacific Gas and Electric Co. – Diablo Canyon Power Plant
Title: Senior Health Physicist
Radioactive materials License number: DPR 80 / 82
Address: P.O. Box 56
 Avila Beach, CA 93424

Facilities and operations where training was received - PG&E Diablo Canyon

Laboratories using radiochemicals
Restricted area laboratories
Glove boxes
Field operations
Environmental applications
Radioactive waste, emergency response

Quantities Handled

Sealed sources: 1000 Curies
Unsealed Alpha emitters: 100 Millicuries
Unsealed beta-gamma emitters : 100 Curies
Neutron sources: 300 Millicuries

As Radiation Protection Manager and prior to that role as technical programs supervisor, I managed and supervised all aspects of a complex, nuclear power health physics program. This includes selection and maintenance of instrumentation, dosimetry including processing, radioactive waste processing, characterization and transport, radioactive materials controls, dose reduction program, posting, regulatory interface, procedure generation, emergency response, and environmental radiological program.

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

6/7/2011, and to inform you that the initial processing which includes an administrative review has been performed.

☒ AMEND. 20-31340-01
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** 575393.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.