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CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES

NONCONFORMANCE REPORT

Project No. 20-5704-167

NCR No. 93-3

PART 1: DESCRIPTION OF NONCONFORMANCE

Contrary to the requirements of QAP-005 and QAP-007, Brent Henderson (SwRI Div. 05) was listed as an author of the Tectonics semi-annual report, but had not received QA indoctrination and no Professional Personnel Qualification information was on record.

Brent Henderson for RDB

Initiated by: R. Brient

Date: 08/12/93

PART 2: PROPOSED DISPOSITION AND CORRECTIVE ACTION

Disposition:

The COI on Mr. Henderson has been completed and has been forwarded to the COI committee. Mr. Henderson will have his QA indoctrination by 08/20/93.

Basis of Disposition: N/A

Action to correct nonconformance: A procedural flow chart will be developed for all new GS employees, students, consultants, and SwRI employees. The chart will list steps and will have slots for date of completion. The chart will be in place by September 17, 1993. *Accomplished 9/7/93 BEM*

Target date for completion: 09/17/93

Proposed by: *H.L. McKague*

Date: *8/25/93*

PART 3: APPROVAL

Element Manager: *H. Lawrence & M.E. McKague* Date: *8/25/93*

Director of QA: *Brent Henderson* Date: *8/25/93*

Comments/Instructions:

DR. MCKAGUE OF THE GS ELEMENT HAD DISCUSSIONS WITH ME STARTING 8/17/93 ON THIS NCR, BUT WAS NOT ABLE TO FINALIZE THE PROPOSED DISPOSITION UNTIL 8/25/93. THIS WAS DUE IN PART TO A MANAGEMENT CONFERENCE

PART 4: CLOSE OUT

Comments:

WE BOTH ATTENDED 8/19-21/93. I AM ACCEPTING HIS CORRECTIVE ACTION PROPOSAL. BEM 8/25/93

1) PROFESSIONAL PERSONNEL QUALIFICATION OF DIV 05 STAFF MEMBER BRENT HENDERSON WAS SIGNED OFF BY THE TECHNICAL DIRECTOR 8/13/93 AND A COPY OF QAP FORM-11 IS ATTACHED; 2) QA INDOCTRINATION WAS VERIFIED AS BEING COMPLETED.

Verified by: *Brent Henderson* Date: *8/27/93*



CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES

PROFESSIONAL PERSONNEL QUALIFICATION

NAME: Daniel Brent Henderson

EMPLOYER: CNWRA/SwRI

FUNCTIONAL TITLE: Research Scientist/Computer Scientist

POSITION DESCRIPTION

Computer scientist with experience and expertise in graphics and 3D visualization.

EDUCATION: B.S., M.S. or PhD. in Computer Science, Engineering, or related field.

EXPERIENCE: Development of digital terrain models (DTM) and 3D image processing.

STATEMENT OF QUALIFICATIONS:

EDUCATION: B.S. Trinity University 1993.
Graduate studies in Computer Engineering at St. Mary's University (ongoing).

EXPERIENCE: Recent experience in DTM development and image processing.
Demonstrated expertise in 3D computer graphics.

The above named individual's qualifications have been evaluated and determined to meet the requirements of the Position Description.

CNWRA DIRECTOR:

A. J. McK...

DATE:

8/13/83

MAINTENANCE OF QUALIFICATIONS:

CNWRA DIRECTOR:

DATE:

CNWRA DIRECTOR:

DATE:

CNWRA DIRECTOR:

DATE:

CNWRA DIRECTOR:

DATE:

CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES

MEMORANDUM

September 7, 1993

TO: Directors, Element Managers, Technical Staff

FROM: Bruce Mabrito, Director of QA 

SUBJECT: Selection/Hiring/Start Work Sequence at the CNWRA

REFERENCE: Nonconformance Report No. 93-3

Larry McKague developed the attached flow chart which identifies the steps required in hiring CNWRA staff, and using SwRI staff, outside consultants, and subcontractors on our Division activities. To meet the requirements of our contract with the NRC, the CNWRA has devised this process which is fully described in AP-001 (Evaluation of Potential Conflict of Interest - which is not a QA requirement, but is addressed here because of its applicability in the selection process), QAP-005 (Quality Indoctrination and Training), and QAP-007 (Professional Personnel Qualification). This information is not intended to abridge SwRI personnel policies in any way.

Persons whose activities for the CNWRA affect the quality of our products must be qualified for the work under an acceptable quality assurance program. SwRI inspection, test calibration, and audit personnel qualified under the SwRI Nuclear Quality Assurance Program need not be additionally qualified by the CNWRA. In areas where SwRI test and analytical equipment operators (such as operation of microscopy equipment, X-ray photography, Auger analysis, etc.) are used, qualification is not required as long as CNWRA qualified staff are performing the quality affecting portion of the work, such as performing the interpretation. In those cases, it is not required to have separate qualifications/COI clearance on the SwRI individuals who operate the equipment.

If you have questions regarding the subject of this memorandum, please contact me.

cc: W. Patrick
CNWRA NCR No. 93-3 Folder

Attachment/

SELECT - HIRE - START WORK SEQUENCE FOR COI AND QA INDOCTRINATION

