



STONE & WEBSTER MICHIGAN, INC.

P.O. Box 2325, BOSTON, MASSACHUSETTS 02107

50-329
50-330

PRINCIPAL STAFF		
✓ RA	Wos	DPRP
D/RA		DE
A/R		DRMSP
RC		DRMA
PAJ		SCS
SGA		ML
ENF		File Wos

orig
+30

Mr. J. J. Harrison
Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

March 6, 1984

Subject: DOCKET NO. 50-329/330
MIDLAND NUCLEAR POWER PLANT
RESUMES AND AFFIDAVITS FOR CIO STAFF MEMBERS
SERIAL NO. SWM-045

Attached is the signed affidavit and resume for Mr. R. E. Horine, who has been assigned to the CIO staff at the Midland Nuclear Power Plant.


J.E. Karr
CIO Program Manager

Enclosures

JJR/ka

cc: CIO General Files

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PDR ADOCK 05000329
A PDR

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Figure 3-1

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

ATOMIC SAFETY AND LICENSING BOARD

In the Matter of
CONSUMERS POWER COMPANY

Docket No. 50-329 OM
50-330 OM

(Midland Plant, Units 1 and 2)

Docket No. 50-329 OL
50-330 OL

AFFIDAVIT OF Ronald E. Horine

My name is Ronald E. Horine . I am employed by Stone & Webster
Michigan, Inc. as Quality Assurance Engineer .

I am currently assigned to the team which is proposed to conduct a Third Party Construction Implementation Overview at the Midland Nuclear Plant site. Prior to being given this assignment, I have never worked on any job or task associated with the Midland Project, or any job or task for or on behalf of Consumers Power Company or Bechtel relating to issues that I will be reviewing. I have never been employed by Consumers Power Company or Bechtel. I do not own any shares of Consumers Power Company or Bechtel stock. Mutual funds or other funds in which I may have a beneficial interest, but over which I have no control, may own shares of Consumers Power Company or Bechtel stock, of which I am unaware. A list of such funds in which I have an interest are attached. I have no relatives which are or have been employed by Consumers Power Company or Bechtel.

Signed Ronald E. Horine

Sworn and Subscribed Before Me This 2nd Day of March, 1984

Patricia A. Puffer
NOTARY PUBLIC

PATRICIA A. PUFFER
Notary Public, Bay County, MI
My Commission Expires Mar. 4, 1986

My Commission Expires 3-4-86

March 1984

HORINE, RONALD E.

QUALITY ASSURANCE ENGINEER

EDUCATION

New Washington High School, New Washington Indiana - Diploma 1972

EXPERIENCE SUMMARY

Mr. Horine has 9 years experience actively working within ASME approved Quality Assurance programs supportive of ASME Section III & VIII construction activities. Currently employed by Stone & Webster Engineering Corp. (SWEC) since 03-01-1984 as a Quality Assurance Engineer and assigned to the Midland Nuclear Project construction overview group. His responsibilities include but not necessarily limited to third party verification of construction contractor QA program implementation.

Prior to employment with (SWEC) Mr. Horine's QA experience is supported by hands on inspection functions combined with both supervision and management of such thereof. During the time frame of 1978 through 1984 Mr. Horine was employed by Cherne Contracting Corporation (Mechanical Contractor with Marble Hill Units 1 & 2) and successfully excuted the position of QC Inspector to the position of Quality Engineering Manager. During the time frame of 1974 through 1978 Mr. Horine was employed by Ryan Industries (ASME Section III & VIII Fabricator) and sucessfully excuted the positions of QC Inspector and QC Inspection Foreman.

PROFESSIONAL AFFILIATIONS

None

PUBLICATIONS

None

DETAILED EXPERIENCE RECORD
HORINE, RONALD E. 42577

STONE & WEBSTER ENGINEERING CORPORATION, BOSTON, MA (March 1984 to Present)

Appointments:

Quality Assurance Engineer - March 1984

Midland Nuclear Project, Consumer Power Company (March 1984 to Present)

As QUALITY ASSURANCE ENGINEER (March 1984 to Present), assigned to verify the correct implementation of site work procedures by both the client and contractors QA departments including integral project management activities.

CHERNE CONTRACTING CORPORATION, NEW WASHINGTON, IN (Oct 1978 to March 1984)

Appointments:

QE Manager Level III - May 1983
Interim QE Manager Level III - March 1983
QC Supervisor Level III - Aug 1982
QC Engineer Level III - March 1982
QC Supervisor Level II - May 1979
QC Inspector Level II - Oct 1978

Marble Hill Project, Public Service of Indiana (Oct 1978 to March 1984)

As QUALITY ENGINEER MANAGER (March 1983 to March 1984) including interim position, responsible for the approval of QC instructions and procedures: review of project procedures: review and closeout of NCR's and CAR's, including identification of trends adverse to quality; review of QA records for technical adequacy; and maintenance of quality records. Specific responsibilities included but were not necessarily limited to:

- A) Training, certification, and supervision of all QE and QA records personnel
- B) Vendor surveillance and trending activities
- C) Assembling, review and turnover of all QA records
- D) Preparation of appropriate code data reports (ie NF-1, NPP-1, N-5)
- E) Review and approval of all traveller documentation

As QUALITY CONTROL SUPERVISOR (Aug 1982 to March 1983) responsible for supervision of all QC inspectors assigned to safety related construction activities within the Auxiliary Building and Units 1 & 2 containments. This responsibility included hiring and scheduling of work activities associated with inspection of large and small bore welding, hanger and equipment installation.

As QUALITY CONTROL ENGINEER (March 1982 to Aug 1982) responsible for development of all QC instructions relative to receipt inspection, calibration, material control, storage and maintenance. This position also included the responsibility to review all QA records associated with the above with necessary interface with the ANI for obtaining review and approval thereof.

As QUALITY CONTROL SUPERVISOR (May 1979 to May 1982) responsible for development and implementation of work instructions supportive of program surveillance, CMTR/data package review, calibration, material control and storage. This position also included supervision of all QC inspectors working in receipt inspection, storage and maintenance and calibration. Certified per SNT-TC-1A criteria as Level II MT and Level III PT.

As QUALITY CONTROL INSPECTOR (Oct 1978 to May 1979) responsible to start an active QC inspection program supportive of receipt inspection, program surveillance, calibration and to assist as Level II MT and PT as needed.

RYAN INDUSTRIES, LOUISVILLE, KY (Sep 1974 to Oct 1978)

Appointments:

QC Foreman - May 1978
QC Inspector - Sep 1974

As QUALITY CONTROL INSPECTION FOREMAN (May 1978 to Oct 1978) responsibilities included performance of MT and PT NDE activities along with in-process construction inspection. Such activities involved, UT thickness inspection, pneumatic, hydrostatic and helium leak test, welding inspection and final assembly of both ASME Section III and VIII items. Also supervised liquidation/sale of all plant materials and consumables commensurate with plant close-out activities.

As QUALITY CONTROL INSPECTOR (Sep 1974 to May 1978) responsibilities included MT, PT and UT thickness gauging activities, receipt inspection, hydro, helium and pneumatic leak testing, instrumentation pneumatic/electrical inspection, and welding inspection. Started a research and development inspection process relative to field location of liquified natural gas vaporizers, this process involved field installation trouble shooting and summarizing such in a fashion useful for shop implementation of preventive measures to limit field installation problems.

CHICAGO BRIDGE AND IRON COMPANY, CLAREMORE OK (March 1974 to Sep 1974)

Appointments:

Radiographic Trainee - March 1974

As RADIOGRAPHIC TRAINEE (March 1974 to Sep 1974) responsibility included assistance in the performance of radiographic operations pertaining to the construction of a 220,000 gallon liquified natural gas storage vessel.

STONE & WEBSTER ENGINEERING CORPORATION

QA EMPLOYMENT EXPERIENCE AND EDUCATION RESUME

T-256

(PLEASE TYPE OR PRINT IN INK)

NAME			SOCIAL SECURITY NUMBER	
Horine	Ronald	E.	316-64-8103	
LAST	FIRST	MIDDLE		

EXPERIENCE AT STONE & WEBSTER (LIST ALL POSITIONS HELD) *

TITLE	JOB DESCRIPTION (DETAIL WORK PERFORMED)	FROM		TO	
		MO.	YR.	MO.	YR.
Quality Assurance Engineer	(Hired 3-01-1984)	3	84	*	

PREVIOUS EXPERIENCE (LIST MOST RECENT EMPLOYMENT FIRST) *

*(Present)

COMPANY	TITLE	JOB DESCRIPTION (DETAIL WORK PERFORMED)	FROM		TO	
			MO.	YR.	MO.	YR.
Cherne Contracting Corporation	QE Manager	See resume attached	10	78	3	84
Ryan Industries	QC Foreman	See resume attached	9	74	10	78
Chicago Bridge and Iron	Radiographic Trainee	See resume attached	3	74	9	74

*SEPARATE RESUME MAY BE ATTACHED IF IT HAS ALL REQUIRED INFORMATION

QA CERTIFICATION (LIST MOST RECENT CERTIFICATIONS FIRST)

COMPANY	TYPE OF CERT	LEVEL (IF GIVEN)	CERT. BY TEST		CODE, SPEC. DOCUMENTATION	GOVERNING AGENCY	DATE RECEIVED	WAS CERT. DOCUMENT GIVEN?	
			YES	NO				YES	NO
Cherne Contracting Corporation	ANSI N45.2.6	III&II	X		ANSI N45.2.9 ASME Sec- tion III 1977 edi- tion Winter 77 Addenda Mil Std 105D	--		X	
	NDE "MT"	II	X		SNT-TC-1A	--	1-23-79	X	
	NDE "PT"	III	X		SNT-TC-1A	--	5-21-79	X	
Ryan Industries	NDE PT	II	X		SNT-TC-1A	--	11-27-74	X	
	UT Thick- ness	N/A	X		QCP-T-209	--	3-1975	X	

NOTE: INCLUDE COPIES OF ALL CERTIFICATION DOCUMENTS, CERTIFICATES, CARDS, ETC

EDUCATION: SCHOOLS, COLLEGES, TRAINING COURSES, (QA) ETC.
(LIST GENERAL EDUCATION FIRST)

NAME OF SCHOOL AND LOCATION (IF GIVEN BY EMPLOYER SPECIFY COMPANY NAME)	DEGREE GRANTED AND MAJOR, OR TITLE OF COURSE	DATE COMPLETED	NO. OF HOURS	GRADE
New Washington High School New Washington Indiana	Diploma	1972	--	--
Ryan Industries	(Course Title) Welding Inspection Quality Assurance	4-1976	20	N/A
Ryan Industries	(Course Title) Code Welding from Inquiry to Shipment	3-1977	20	N/A
Ryan Industries	(Course Title) Tube Fabrication	11-1975	8	N/A
Cherne Contracting Corporation	(Course Title) Radiation Safety	11-1979	8	N/A
Cherne Contracting Corporation	(Course Title) Instrumentation Design/Installation	1979	40	N/A
Cherne Contracting Corporation	(Course Title) Quality Circle Leader Training	1983	40	N/A

NOTE: FOR SPECIFIC QA TRAINING COURSES, INCLUDE COPIES OF ALL COURSE
OUTLINES, CERTIFICATES, DIPLOMAS, ETC., IF GIVEN.

NAME Ronald E. HorineSOCIAL SECURITY NO. 316-64-8103

LIST EQUIPMENT WHICH YOU HAVE OPERATED

RADIOGRAPHIC	ULTRASONIC	MAG. PARTICLE	LIQUID PENETRANT	EDDY CURRENT	OTHER (M&T, ETC.)
(1) Iridium 192 source	(1) Nova 201 (2) Nortec-100	(1) Y-6 Yoke (2) P-9J (3) MagnaFlux Field Indicator	(1) Black Light	N/A	Master Gauges, Calipers, Height Gauges, Psychrometer Hygrometer AMP/ Volt Gauges, Thread Gauges, Torque Wrench Calibrators, Millivolt Source

ENGINEERING REGISTRATION

STATES AND LICENSE NUMBERS	EIT EXAMINATIONS	DISCIPLINE
N/A		

MEMBERSHIP IN PROFESSIONAL SOCIETIES

N/A

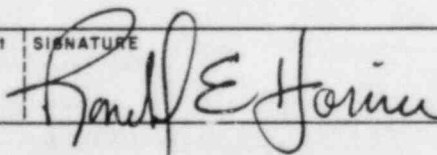
PUBLICATIONS

N/A

REMARKS:

The foregoing information is true insofar as its accuracy and complete to the best of my knowledge.

SIGNATURE



DATE

03-06-1984