

FAX TRANSMITTAL

of pages **6**

NRC FORM 241 (7-1999) U.S. NUCLEAR REGULATORY COMMISSION

To **Robt Cunningham** From **Diane Herin**
 Dept./Agency Phone #
 Fax # **205-443-5302** Fax # **NRC**
 NSN 7540-01-317-7368 5099-101 GENERAL SERVICES ADMINISTRATION

REPORT OF PROPOSED ACTIVITIES IN NON-AGREEMENT STATES, AREAS OF EXCLUSIVE FEDERAL JURISDICTION, OR OFFSHORE WATER

(Please read the instructions before completing this form)

collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

1. NAME OF LICENSEE (Person or firm proposing to conduct the activities described below) Gallet & Associates, Inc.		2. TYPE OF REPORT <input checked="" type="checkbox"/> INITIAL <input type="checkbox"/> REVISION <input type="checkbox"/> CLARIFICATION	
3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located) 320 Beacon Parkway W. Birmingham, AL 35209		4. LICENSEE CONTACT AND TITLE Robert Cunningham, PE Senior Project Eng	
		5. TELEPHONE NUMBER (Include Area Code) (205) 942-1289	6. FACSIMILE NUMBER (Include Area Code) (205) 443-5302

7. ACTIVITIES TO BE CONDUCTED UNDER THE GENERAL LICENSE GIVEN IN 10 CFR 150.20

WELL LOGGING LEAK TESTING AND/OR CALIBRATIONS THERAPY/IRRADIATOR SERVICE

PORTABLE GAUGES OTHER (Specify) **⇒** _____

RADIOGRAPHY **⇒** REGISTERED AS USER OF PACKAGING (CERTIFICATES OF COMPLIANCE NUMBERS) _____

8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE AIG/Baker 1701 Lee Branch Lane Birmingham, AL 35242	9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location. Give as complete an address or directions as possible.) Oulles Town Crossing 1210 Severn Way Sterling, VA 20166
10. CLIENT TELEPHONE NUMBER (Include Area Code) (205) 969-1000	11. WORK LOCATION TELEPHONE NUMBER (Include Area Code) None yet, will forward when available

12. DATES SCHEDULED	13. NUMBER OF WORK DAYS	14. ADD	15. DELETE	16. LOCATION REFERENCE NUMBER
FROM 2/21/00 TO 2/5/00	250			NUMBER TO BE ASSIGNED BY NRC

17. LIST RADIOACTIVE MATERIAL, WHICH WILL BE POSSESSED, USED, INSTALLED, SERVICED, OR TESTED (Include description of type and quantity of radioactive material, sealed sources, or devices to be used.)

**CPN Moisture Density Gauge Cesium 137 10mCi
Americium 241/Beryllium 50mCi**

18. AGREEMENT STATE SPECIFIC LICENSE WHICH AUTHORIZES THE UNDERSIGNED TO CONDUCT ACTIVITIES WHICH ARE THE SAME, EXCEPT FOR LOCATION OF USE, AS SPECIFIED IN ITEM 9 ABOVE. (Four copies of the specific license must accompany the initial NRC Form 241.)	LICENSE NUMBER 991	STATE AL	EXPIRATION DATE June 30, 2004
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19. CERTIFICATION (MUST BE COMPLETED BY APPLICANT)

I, THE UNDERSIGNED, HEREBY CERTIFY THAT:

- All information in this report is true and complete.
- I have read and understand the provision of the general license 10 CFR 150.20 reprinted on the instructions of this form; and I understand that I am required to comply with these provisions as to all byproduct, source, or special nuclear material which I possess and use in non-Agreement States or offshore waters under the general license for which this report is filed with the U.S. Nuclear Regulatory Commission.
- I understand that activities, including storage, conducted in non-Agreement States under general license 10 CFR 150.20 are limited to a total of 180 days in calendar year. With the exception of work conducted in off-shore waters, which is authorized for an unlimited period of time in the calendar year.
- I understand that I may be inspected by NRC at the above listed work site locations and at the Licensee home office address for activities performed in non-Agreement States or offshore waters.
- I understand that conduct of any activities not described above, including conduct of activities on dates or locations different from those described above or without NRC authorization, may subject me to enforcement action, including civil or criminal penalties.

CERTIFYING OFFICER - RSO or Management Representative (Name and Title) Robert Cunningham, PE Senior Project Eng	SIGNATURE <i>Robert R. Cunningham</i>	DATE 2-16-00
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USNRC Region II - Atlanta GA FAX (404) 562-4955/VERIFY (404) 562-4723

ALABAMA DEPARTMENT OF PUBLIC HEALTH

RADIOACTIVE MATERIAL LICENSE

AMENDMENT NUMBER 9

Pursuant to the Alabama Department of Public Health Rules, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess and transfer radioactive material listed below; and to use such radioactive material for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules of the Alabama Department of Public Health now or hereafter in effect and to any conditions specified below.

LICENSEE		3. License Number 991 is amended in its entirety to read:	
1. Name Gallet & Associates, Inc. 320 Beacon Parkway West	4. Expiration Date June 30, 2004		
2. Address Birmingham, Alabama 35209	5. File No.		
6. Radioactive Material (Element and Mass Number)	7. Type of Radioactive Material License	8. Chemical and/or Physical Form	9. Maximum Radioactivity and/or quantity of material which licensee may possess at any one time.
SEE PAGE TWO	3.P.	SEE PAGE TWO	SEE PAGE TWO

10. Authorized Use

SEE PAGE TWO

CONDITIONS

11. Unless otherwise specified, the authorized place of use is the licensee's address stated in item 2 above.
12. Radioactive material may be used only at temporary job sites of the licensee anywhere in Alabama that the Agency has jurisdiction. This condition does not prohibit use in Agreement States or in U.S. Nuclear Regulatory Commission jurisdiction areas under reciprocity procedures which may be established by those States or the U.S. Nuclear Regulatory Commission.
13. The licensee may also store radioactive material authorized by this license at the licensee's facility located at 2241 Highway 78 West, Oxford, Alabama 36203.
14. The licensee shall comply with the provision of Rule 420-3-26-.01, General Provisions, Rule 420-3-26-.02, Licensing, Rule 420-3-26-.03, Standards for Protection Against Radiation, and Rule 420-3-26-.10, Notices, Instructions, and Reports to Workers; Inspections, of Chapter 420-3-26, Radiation Control, Alabama Administrative Code.

SUPPLEMENTARY SHEET

Continued From Page 1

License Number 991
Amendment No. 9

<p>6. Radioactive Material (Element and mass number)</p> <p>A. Cesium 137: Americium 241/ Beryllium</p> <p>B. Cesium 137: Americium 241/ Beryllium</p> <p>C. Cesium 137: Americium 241/ Beryllium</p>	<p>8. Chemical and/or Physical Form</p> <p>A. Sealed Sources (HSI Dwg. Nos. 2200064 and 2200067)</p> <p>B. Sealed Sources (Campbell Pacific Nuclear Model CPN-131)</p> <p>C. Sealed Sources (Troxler Dwg. Nos. A-102112 and A-102451)</p>	<p>9. Maximum Radioactivity and/or quantity of material which license may possess at any one time</p> <p>A. No single source to exceed 11 millicuries of Cesium 137 and 44 millicuries of Americium 241/Beryllium.</p> <p>B. No single source to exceed 10 millicuries of Cesium 137 and 50 millicuries of Americium 241/Beryllium.</p> <p>C. No single source to exceed 9 millicuries of Cesium 137 and 44 millicuries of Americium 241/Beryllium.</p>
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10. Authorized Uses

- A. For use in Humboldt Scientific, Inc. Model 5001 devices to measure moisture content and density of construction materials.
- B. For use in Campbell Pacific Nuclear Model MC Series devices to measure moisture content and density of construction materials.
- C. For use in Troxler Electronic Laboratories Model 3400 Series devices to measure moisture content and density of construction materials.

ALABAMA DEPARTMENT OF PUBLIC HEALTH
RADIOACTIVE MATERIAL LICENSE

Continued

Supplementary Sheet

License Number 991Amendment No. 9

CONDITIONS

15. Radioactive material shall only be used by individuals having successfully completed an approved training course for moisture/density gauge users, and who have been approved by Eddie Walker, Radiation Safety Officer. Records of training shall be maintained for review by the Agency.
16. Sealed sources containing radioactive material shall not be opened or removed from their respective source holders by the licensee.
17.
 - A. Each sealed source containing radioactive material, other than Hydrogen 3, with a half-life greater than thirty (30) days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed six (6) months. In the absence of a certificate from a transferor indicating that a test has been made within six (6) months prior to the transfer, the sealed source shall not be put into use until tested.
 - B. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of the device in which the sealed source is permanently mounted or stored on which one might expect contamination to accumulate. Records of leak test results shall be kept in units of microcuries and maintained for inspection by the Agency.
 - C. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with Agency regulations. A report shall be filed within five (5) days of the test with the Director, Office of Radiation Control, Alabama Department of Public Health, Montgomery, Alabama 36130, describing the equipment involved, the test results, and the corrective action taken.
 - D. The licensee is authorized to collect leak test samples for analysis by approved leak test kit vendors. Alternatively, tests for leakage and/or contamination may be performed by persons specifically authorized by the Agency, the U.S. Nuclear Regulatory commission or an Agreement State to perform such services.

ALABAMA DEPARTMENT OF PUBLIC HEALTH
RADIOACTIVE MATERIAL LICENSE

Continued

Supplementary Sheet

License Number 991

Amendment No. 9

CONDITIONS

- 18. Except as specifically provided otherwise in this license, the licensee shall conduct its radiation safety program in accordance with statements, representations, and procedures contained in the documents, including any enclosures, listed below. Alabama's Radiation Protection Rules shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the rules.
 - A. Application received June 2, 1999, signed by Eddie Walker, with attachments.

June 24, 1999

Date of Issuance _____

Kirkley E. Whalley

Director
DIVISION OF RADIATION CONTROL

D. E. Williamson

Donald E. Williamson, M.D.
State Health Officer
ALABAMA DEPARTMENT OF PUBLIC HEALTH

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of pages **6**

NRC FORM 241
(7-1999)

U.S. NUCLEAR REGULATORY COMMISSION

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 Dept./Agency Phone #
 Fax # **205-443-5302** Fax # **NRC**
 NSN 7540-01-317-7368 5099-101 GENERAL SERVICES ADMINISTRATION

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- WELL LOGGING LEAK TESTING AND/OR CALIBRATIONS THERAPY/IRRADIATOR SERVICE
 PORTABLE GAUGES OTHER (Specify) \Rightarrow _____
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LIST ADDITIONAL WORK SITES ON SEPARATE SHEET(S) TO INCLUDE ALL INFORMATION CONTAINED IN ITEMS 9-16 ABOVE.

17. LIST RADIOACTIVE MATERIAL, WHICH WILL BE POSSESSED, USED, INSTALLED, SERVICED, OR TESTED (Include description of type and quantity of radioactive material, sealed sources, or devices to be used.)
**CPN Moisture Density Gauge Cesium 137 10mCi
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ALABAMA DEPARTMENT OF PUBLIC HEALTH
RADIOACTIVE MATERIAL LICENSE

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RADIOACTIVE MATERIAL LICENSE

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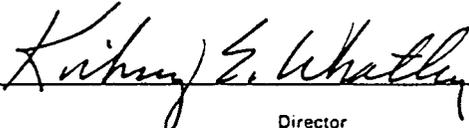
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Director
DIVISION OF RADIATION CONTROL



Donald E. Williamson, M.D.
State Health Officer
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License Number _____

Amendment No. 9

<p>6. Radioactive Material (Element and mass number)</p> <p>A. Cesium 137: Americium 241/ Beryllium</p> <p>B. Cesium 137: Americium 241/ Beryllium</p> <p>C. Cesium 137: Americium 241/ Beryllium</p>	<p>8. Chemical and/or Physical Form</p> <p>A. Sealed Sources (HSI Dwg. Nos. 2200064 and 2200067)</p> <p>B. Sealed Sources (Campbell Pacific Nuclear Model CPN-131)</p> <p>C. Sealed Sources (Troxler Dwg. Nos. A-102112 and A-102451)</p>	<p>9. Maximum Radioactivity and/or quantity of material which license may possess at any one time</p> <p>A. No single source to exceed 11 millicuries of Cesium 137 and 44 millicuries of Americium- 241/Beryllium.</p> <p>B. No single source to exceed 10 millicuries of Cesium 137 and 50 millicuries of Americium 241/Beryllium.</p> <p>C. No single source to exceed 9 millicuries of Cesium 137 and 44 millicuries of Americium 241/Beryllium.</p>
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10. Authorized Uses

- A. For use in Humboldt Scientific, Inc. Model 5001 devices to measure moisture content and density of construction materials.
- B. For use in Campbell Pacific Nuclear Model MC Series devices to measure moisture content and density of construction materials.
- C. For use in Troxler Electronic Laboratories Model 3400 Series devices to measure moisture content and density of construction materials.

ALABAMA DEPARTMENT OF PUBLIC HEALTH
RADIOACTIVE MATERIAL LICENSE

Continued

Supplementary Sheet

License Number 991Amendment No. 9

CONDITIONS

15. Radioactive material shall only be used by individuals having successfully completed an approved training course for moisture/density gauge users, and who have been approved by Eddie Walker, Radiation Safety Officer. Records of training shall be maintained for review by the Agency.
16. Sealed sources containing radioactive material shall not be opened or removed from their respective source holders by the licensee.
17.
 - A. Each sealed source containing radioactive material, other than Hydrogen 3, with a half-life greater than thirty (30) days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed six (6) months. In the absence of a certificate from a transferor indicating that a test has been made within six (6) months prior to the transfer, the sealed source shall not be put into use until tested.
 - B. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of the device in which the sealed source is permanently mounted or stored on which one might expect contamination to accumulate. Records of leak test results shall be kept in units of microcuries and maintained for inspection by the Agency.
 - C. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with Agency regulations. A report shall be filed within five (5) days of the test with the Director, Office of Radiation Control, Alabama Department of Public Health, Montgomery, Alabama 36130, describing the equipment involved, the test results, and the corrective action taken.
 - D. The licensee is authorized to collect leak test samples for analysis by approved leak test kit vendors. Alternatively, tests for leakage and/or contamination may be performed by persons specifically authorized by the Agency, the U.S. Nuclear Regulatory commission or an Agreement State to perform such services.

ALABAMA DEPARTMENT OF PUBLIC HEALTH
RADIOACTIVE MATERIAL LICENSE

Continued

Supplementary Sheet

License Number 991

Amendment No. 9

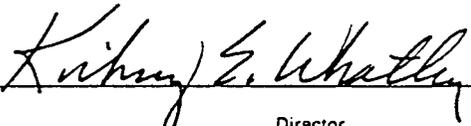
CONDITIONS

18. Except as specifically provided otherwise in this license, the licensee shall conduct its radiation safety program in accordance with statements, representations, and procedures contained in the documents, including any enclosures, listed below. Alabama's Radiation Protection Rules shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the rules.

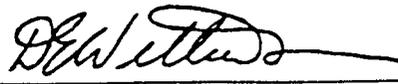
A. Application received June 2, 1999, signed by Eddie Walker, with attachments.

June 24, 1999

Date of Issuance _____



Director
DIVISION OF RADIATION CONTROL



Donald E. Williamson, M.D.
State Health Officer
ALABAMA DEPARTMENT OF PUBLIC HEALTH

FAX TRANSMITTAL

of pages **6**

NRC FORM 241 (7-1999) U.S. NUCLEAR REGULATORY COMMISSION

To **Robt Cunningham** From **Diane Herin**
 Dept/Agency Phone #
 Fax # **205-443-5300** Fax # **NRC**
 NSN 7540-01-317-7368 5099-101 GENERAL SERVICES ADMINISTRATION

REPORT OF PROPOSED ACTIVITIES IN NON-AGREEMENT STATES, AREAS OF EXCLUSIVE FEDERAL JURISDICTION, OR OFFSHORE WATER

(Please read the instructions before completing this form)

collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

1. NAME OF LICENSEE (Person or firm proposing to conduct the activities described below) Gallet & Associates, Inc.		2. TYPE OF REPORT <input checked="" type="checkbox"/> INITIAL <input type="checkbox"/> REVISION <input type="checkbox"/> CLARIFICATION	
3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located) 320 Beacon Parkway W. Birmingham, AL 35209		4. LICENSEE CONTACT AND TITLE Robert Cunningham, PE Senior Project Eng	
		5. TELEPHONE NUMBER (Include Area Code) (205) 942-1289	9. FACSIMILE NUMBER (Include Area Code) (205) 443-5302

7. ACTIVITIES TO BE CONDUCTED UNDER THE GENERAL LICENSE GIVEN IN 10 CFR 150.20

- WELL LOGGING LEAK TESTING AND/OR CALIBRATIONS THERAPY/IRRADIATOR SERVICE
 PORTABLE GAUGES OTHER (Specify) \Rightarrow _____
 RADIOGRAPHY \Rightarrow REGISTERED AS USER OF PACKAGING (CERTIFICATES OF COMPLIANCE NUMBERS)

8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE AIG/Baker 1701 Lee Branch Lane Birmingham, AL 35242		9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location. Give as complete an address or directions as possible.) Oules Town Crossing 1210 Severn Way Sterling, VA 20166	
10. CLIENT TELEPHONE NUMBER (Include Area Code) (205) 969-1000		11. WORK LOCATION TELEPHONE NUMBER (Include Area Code) None yet, will forward when available	

12. DATES SCHEDULED		13. NUMBER OF WORK DAYS	14. ADD	15. DELETE	16. LOCATION REFERENCE NUMBER
FROM	TO				NUMBER TO BE ASSIGNED BY NRC
	2/21/00	250			

LIST ADDITIONAL WORK SITES ON SEPARATE SHEET(S) TO INCLUDE ALL INFORMATION CONTAINED IN ITEMS 9-16 ABOVE.

17. LIST RADIOACTIVE MATERIAL, WHICH WILL BE POSSESSED, USED, INSTALLED, SERVICED, OR TESTED (Include description of type and quantity of radioactive material, sealed sources, or devices to be used.)
**CPN Moisture Density Gauge Cesium 137 10mCi
 Americium 241/Beryllium 50mCi**

18. AGREEMENT STATE SPECIFIC LICENSE WHICH AUTHORIZES THE UNDERSIGNED TO CONDUCT ACTIVITIES WHICH ARE THE SAME, EXCEPT FOR LOCATION OF USE, AS SPECIFIED IN ITEM 9. ABOVE. (Four copies of the specific license must accompany the initial NRC Form 241.)	LICENSE NUMBER 991	STATE AL	EXPIRATION DATE June 30, 2004
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19. CERTIFICATION (MUST BE COMPLETED BY APPLICANT)

I, THE UNDERSIGNED, HEREBY CERTIFY THAT:

- All information in this report is true and complete.
- I have read and understand the provision of the general license 10 CFR 150.20 reprinted on the instructions of this form; and I understand that I am required to comply with these provisions as to all byproduct, source, or special nuclear material which I possess and use in non-Agreement States or offshore waters under the general license for which this report is filed with the U.S. Nuclear Regulatory Commission.
- I understand that activities, including storage, conducted in non-Agreement States under general license 10 CFR 150.20 are limited to a total of 180 days in calendar year. With the exception of work conducted in off-shore waters, which is authorized for an unlimited period of time in the calendar year.
- I understand that I may be inspected by NRC at the above listed work site locations and at the Licensee home office address for activities performed in non-Agreement States or offshore waters.
- I understand that conduct of any activities not described above, including conduct of activities on dates or locations different from those described above or without NRC authorization, may subject me to enforcement action, including civil or criminal penalties.

CERTIFYING OFFICER - RSO or Management Representative (Name and Title) Robert Cunningham, PE Senior Project Engineer	SIGNATURE <i>Robert R. Cunningham</i>	DATE 2-16-00
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WARNING: False statements in this certificate may be subject to civil and/or criminal penalties. NRC regulations require that submissions to the NRC be complete and accurate in all material respects. 18 U.S.C. Section 1001 makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

FOR NRC USE ONLY	REVIEWING OFFICIAL (Typed/Printed Name and Title)	SIGNATURE	DATE	TOTAL USAGE - DAYS TO DATE
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USNRC Region II - Atlanta GA FAX (404) 562-4955 / VERIFY (404) 562-4723

ALABAMA DEPARTMENT OF PUBLIC HEALTH

RADIOACTIVE MATERIAL LICENSE

AMENDMENT NUMBER 9

Pursuant to the Alabama Department of Public Health Rules, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess and transfer radioactive material listed below; and to use such radioactive material for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules of the Alabama Department of Public Health now or hereafter in effect and to any conditions specified below.

LICENSEE		3. License Number 991 is amended in its entirety to read:	
1. Name Gallet & Associates, Inc. 320 Beacon Parkway West	4. Expiration Date June 30, 2004		
2. Address Birmingham, Alabama 35209	5. File No.		
6. Radioactive Material (Element and Mass Number)	7. Type of Radioactive Material License	8. Chemical and/or Physical Form	9. Maximum Radioactivity and/or quantity of material which licensee may possess at any one time.
SEE PAGE TWO	3.P.	SEE PAGE TWO	SEE PAGE TWO

10. Authorized Use

SEE PAGE TWO

CONDITIONS

11. Unless otherwise specified, the authorized place of use is the licensee's address stated in item 2 above.
12. Radioactive material may be used only at temporary job sites of the licensee anywhere in Alabama that the Agency has jurisdiction. This condition does not prohibit use in Agreement States or in U.S. Nuclear Regulatory Commission jurisdiction areas under reciprocity procedures which may be established by those States or the U.S. Nuclear Regulatory Commission.
13. The licensee may also store radioactive material authorized by this license at the licensee's facility located at 2241 Highway 78 West, Oxford, Alabama 36203.
14. The licensee shall comply with the provision of Rule 420-3-26-.01, General Provisions, Rule 420-3-26-.02, Licensing, Rule 420-3-26-.03, Standards for Protection Against Radiation, and Rule 420-3-26-.10, Notices, Instructions, and Reports to Workers; Inspections, of Chapter 420-3-26, Radiation Control, Alabama Administrative Code.

SUPPLEMENTARY SHEET

1

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Continued From Page _____

License Number _____

Amendment No. 9

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ALABAMA DEPARTMENT OF PUBLIC HEALTH
RADIOACTIVE MATERIAL LICENSE

Continued

Supplementary Sheet

License Number 991Amendment No. 9

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ALABAMA DEPARTMENT OF PUBLIC HEALTH
RADIOACTIVE MATERIAL LICENSE

Continued

Supplementary Sheet

License Number 991

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A. Application received June 2, 1999, signed by Eddie Walker, with attachments.

June 24, 1999

Date of Issuance _____

Kirksey E. Whalley

Director
DIVISION OF RADIATION CONTROL

Donald E. Williamson

Donald E. Williamson, M.D.
State Health Officer
ALABAMA DEPARTMENT OF PUBLIC HEALTH