United Conveyor Corporation
300 Wilmot Road • Deerfield, Illinois 60015-4695 • Phone: (312) 948-0400 • Cable: UNICONVEY, Deerfield, Illinois • Telex: 25-4467

November 18, 1985

U.S. Nuclear Regulatory Commission
Region III
Radioisotopes Licensing Section
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Sir:

This is a request by United Conveyor Corporation for the renewal of our NRC license No. 12-20056-01. I consider our current program to be represented in amendment No. 01 application dated July 14, 1982; letters dated September 27, 1982, February 1, 1984 and February 26, 1985. I feel that the original application of October 21, 1980 is fully superseded by the amendment No. 01 application dated July 14, 1982.

I have attached in duplicate, the appropriate documents and background material that reflect our current program. In addition, I have summarized the license and amendments into one document consisting of items 1 thru 19.

Enclosed please find a check in the amount of $120 for the processing of the renewal.

Very truly yours,

UNITED CONVEYOR CORPORATION

K. W. Lauridsen

K. W. Lauridsen
Mechanical Services Supervisor/
Radiation Protection Officer

Nov 19th
Applicant.....
Check No. C17590
Amount/Fee Category $120.00
Type of Fee: Renewal
Date Check Rec'd 11/25/85
Received By: Jackson

KWL:mt

cc: A. R. Remack
R. W. Kuby

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REG3 LIC30
12-20056-01 PDR

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U.S. NUCLEAR REGULATORY COMMISSION

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NOV 22 1985
REGION III

CONTROL NO. 80195

NRC MATERIALS LICENSE SUMMARY - NOVEMBER 1985

Licensee

1. United Conveyor Corporation

2. 300 Wilmot Road
Deerfield, Illinois 60015

3. License number 12-20056-01

4. Expiration date: December 31, 1985

5. Docket or
Reference No. 030-17693

6. Byproduct, source, and/or special nuclear material:	7. Chemical and/or physical form:	8. Maximum amount that licensee may possess at any one time:
A. Cesium 137	A. Sealed Sources (Texas Nuclear Model 570-57157C)	A. No single source to exceed 1 curie.
B. Cesium 137	B. Sealed Sources (Ohmart Corp. Model A2101)	B. No single source to to exceed 1500 millicuries.

9. Authorized use:

A. To be used in Texas Nuclear Model 5191 source holder to measure flow of material through piping.

B. To be used in Ohmart Corp. Model SR-1A source holders to measure flow of material through pipes.

CONDITIONS

10. Licensed material be used at the licensee's facilities at 300 Wilmot Road, Deerfield, Illinois and at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of the licensed material.

11. The licensee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers; Inspections" and Part 20, "Standards for Protection Against Radiation".

12. Licensed material be used by or under the supervision of individuals who have attended the (Device manufacturer's training course for gauge users or the licensee's training course in accordance with procedures outlined in application dated July 14, 1982 and letter dated September 27, 1982) and who have been designated by the licensee's Radiation Protection Officer. The licensee shall maintain records of the individuals who have been designated as authorized users.

13. A. (1) Each sealed source containing licensed material, other than hydrogen-3, with a half-life greater than thirty days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed six months; except those sealed sources as specified by the manufacturer and specifically authorized by the Commission or an Agreement State may be leak tested at intervals not to exceed three years. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, a sealed source received from another person shall not be put into use until tested.

13. A. (2) The periodic leak test required by this condition does not apply to sealed sources that are stored and not being used. The sources excepted from this test shall be tested for leakage prior to any use or transfer to another person unless they have been leak tested within six months prior to the date of use or transfer.

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 Commission.

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 Commission regulations. A report shall be filed within 5 days of the test with the U.S. Nuclear Regulatory Commission, Region III, Office of Inspection and Enforcement, 799 Roosevelt Road, Glen Ellyn, Illinois 60137, describing the equipment involved, the test results, and the corrective action taken.

D. Tests for leakage and/or contamination shall be performed by the licensee in accordance with procedures contained in letter dated September 27, 1982 or by other persons specifically authorized by the Commission or an Agreement State to perform such services.

14. Sealed sources containing licensed material shall not be opened or removed from their respective source holders by the licensee.

15. Installation, initial radiation survey and relocation of devices containing licensed material shall be performed only by the licensee or by other persons specifically authorized by the Commission or an Agreement State to perform such services. Services performed by the licensee shall be performed under the supervision of and in the presence of Robert W. Kuby or Kenneth W. Lauridsen.

Maintenance and repair of devices containing licensed material and replacement and disposal of sealed sources containing licensed material used in devices shall be performed only by the device manufacturer or by other persons specifically authorized by the Commission or an Agreement State to perform such services.

16. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed matrerial described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in applications dated October 21, 1980 and July 14, 1982; letters dated September 27, 1982 and February 26, 1985. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.

17. The licensee shall conduct a physical inventory every six (6) months to account for all sealed sources received and possessed under the license. The records of the inventories shall be maintained for two (2) years from the date of the inventory for inspection by the Commission, and shall include the quantities and kinds of byproduct material, manufacturer's names and model numbers, location of sealed sources and the date of the inventory.

18. The licensee shall establish "lock-out" procedures to assure that prior to maintenance or repair in or around equipment to which licensed gauge(s) are mounted, steps are taken to terminate the radiation beam(s), (e.g. "lock-out" shutters, placement of "beam stoppers", etc.) to prevent individuals(s) from entering the radiation beam.

19. The licensee's radiation survey meter shall be calibrated at least annually by the instrument manufacturer or any other NRC approved calibration service(s).

NRC Form 374A (5-84) U.S. NUCLEAR REGULATORY COMMISSION

PAGE 1 OF 1 PAGES

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number: 12-20056-01

Docket or Reference number: 030-17693

Amendment No. 03

United Conveyor Corporation
300 Wilmot Road
Deerfield, IL 60015

In accordance with letter dated February 26, 1985, License Number 12-20056-01 is amended as follows:

Items 6., 7., 8., and 9. are amended to add:

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
B. Cesium-137	B. Sealed sources (Ohmart Corp. Model A2101)	B. No single source to exceed 1500 millicuries

9. Authorized Use

B. To be used in Ohmart Corp. Model SR-1A source holders to measure flow of material through pipes.

Condition 16. is amended to read:

16. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in applications dated October 21, 1980 and July 14, 1982; letters dated September 27, 1982 and February 26, 1985. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.

Also
Feb 1984

8504290299

For the U.S. Nuclear Regulatory Commission

Date April 12, 1985

By Evelyn R Matson
Materials Licensing Section, Region III

United Conveyor Corporation

300 Wilmot Road • Deerfield, Illinois 60015 • Phone: (312) 948-0400 • Cable: UNICONVEY, Deerfield, Illinois • Telex: 25-6457

February 26, 1985

U.S. Nuclear Regulatory Commission
Region III
Radioisotopes Licensing Section
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Sir:

This is a request by United Conveyor Corporation for an amendment to our NRC License No. 12-20056-01. There are two changes we would like to make. The license should be changed to indicate that Kenneth W. Lauridsen will be considered the Radiation Protection Officer. Robert W. Kuby should remain on the license but will no longer be the RPO.

United Conveyor is currently licensed to possess Texas Nuclear CS 137 sources to measure flow of material through piping. We would also like to possess similar Ohmart Corp. CS 137 gauges, to be used in exactly the same manner and procedures. License subitem 7A should be changed to read "Sealed Sources (Texas Nuclear Model 570-57157C or Ohmart Corp. Model A2101)". Subitem 9A should be changed to read "To be used in Texas Nuclear Model 5191 or Ohmart Corp. Model SR-1A source holders to measure flow of material through piping."

Both Messrs. Kuby & Lauridsen have completed the Texas Nuclear Radiation Safety Training Course and are licensed to install, relocate, perform leak tests and surveys on Texas Nuclear gauges. As the Ohmart gauges are similar in design and function, we seek approval for Messrs. Kuby & Lauridsen to perform the same activities on the Ohmart gauges.

Enclosed please find a check in the amount of $60.00 for processing the amendment.

Very truly yours,

UNITED CONVEYOR CORPORATION

~~8504290311~~

K. W. Lauridsen

K. W. Lauridsen
Laboratory Supervisor

KWL:mt