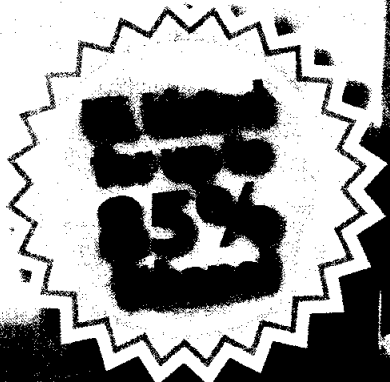
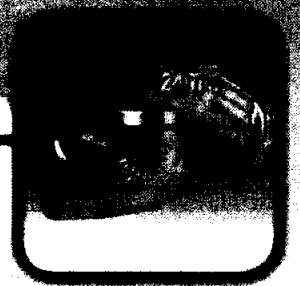
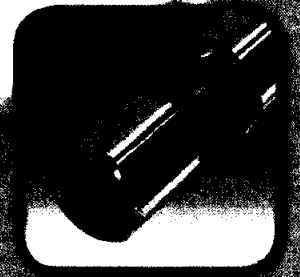


LEADING THE WAY IN E85 FUELING INNOVATION

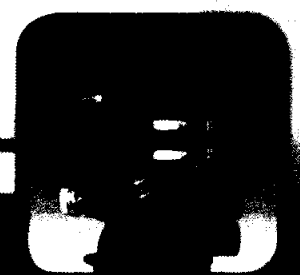
**From the Top of the Dispenser
to the Bottom...We've Got The GREEN Solution
You Need for Ethanol Applications!**



66V-0492
3/4" Single Use



10 Plus Series
Emergency Shut-Off Valve



OPW

A DOVER COMPANY

ONE COMPANY. ONE WORLD. ONE SOURCE.

OPW – For a Cleaner, Greener World

Environmental Sustainability is a Cornerstone of OPW's Purpose and Product Offering

At OPW, we believe green is good business, which is why we are committed to providing the most compelling, reliable and ethanol compatible fueling solutions in the business. Our solutions help promote safer, more efficient and environmentally sustainable fueling operations worldwide.

OPW is leading the way in environmentally responsible product innovation. From ethanol compatible products to CNG, Hydrogen and LPG fueling solutions, we are committed to helping protect our world.

DOVER™








We are not alone in our mission. OPW is part of Dover Corporation, a multi-billion dollar industrial conglomerate committed to global environmental sustainability. Around the world, Dover companies, such as OPW, are helping to protect the long-term well-being of the environment, from greenhouse gas and water reductions to increased environmental protection and energy efficiency.

*OPW is part of the DOVER Corporation sustainability initiative.
To find out more, visit www.dovercorporation.com*

Don't Take a Chance on Other Equipment – Trust Only Authentic OPW UL Listed Fueling Equipment

Ordering Specifications



	MODEL NO.	DESCRIPTION	UL FILE #
	21GE-0492	New E85 3/4" Automatic Nozzle, Black	MH 1942
	21GE-0992	New E85 3/4" Automatic Nozzle, Yellow	MH 1942
	66V-0492	New E85 3/4" Single Use Breakaway	MH 18037
	241TPS-0492	New E85 3/4" Two Plane Swivel	MH 4542
	10P-0152E85	New E85 1 1/2" Double Poppeted Emergency Shut-Off Valve	MH 6535

Learn more about the features and benefits of OPW's 21st century green nozzles at: www.opw21Ge.com



LEADING THE WAY!

North America Toll Free – TELEPHONE: (800) 422-2525 ♦ Fax: (800) 421-3297 ♦ Email: domesticsales@opw-fc.com
International – TELEPHONE: (513) 870-3315 or (513) 870-3261 ♦ Fax: (513) 870-3157 ♦ Email: intlsales@opw-fc.com
www.opwglobal.com

OPW Fueling Components ♦ 9393 Princeton-Glendale Road ♦ Hamilton, OH 45011 ♦ Printed in USA

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OPW 21GE 2011 1/10

INTRODUCING THE MOST COMPREHENSIVE ETHANOL APPR

OPW is excited to announce the introduction of the OPW 21Ge, 241TPS, 66V, and 10 Plus Series are OPW's complete dispenser



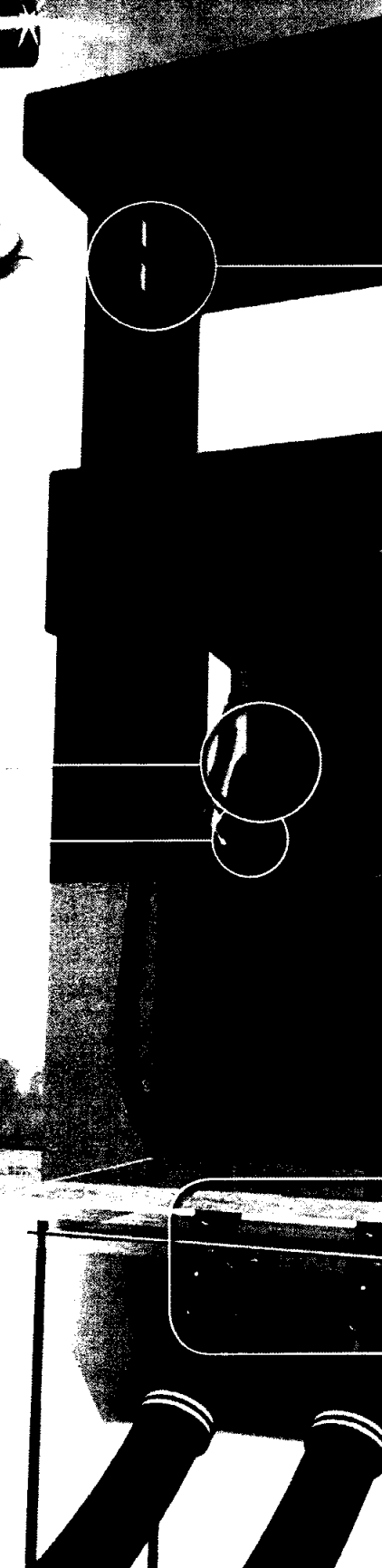
21Ge ETHANOL NOZZLE

- Easy to use – Utilizing Accu-Stop® to-the-penny Flow Control Technology
- Comfortable to use – OPW's unique 2-piece hand insulator
- Durable lever guard that won't scratch your customer's vehicle – Made from Duratuff®



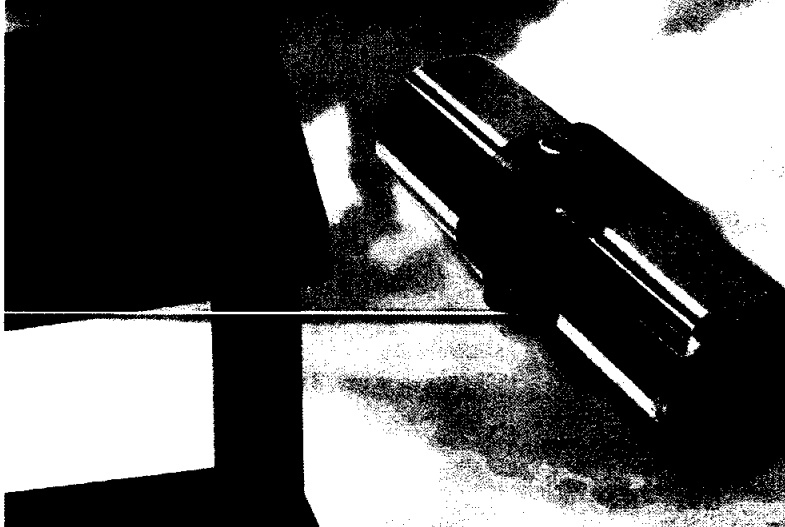
OPW 241TPS-0492 Ethanol Fueling Hose Swivel

- Allows for easy nozzle positioning in fill pipe – Utilizes Two Planes of Rotation
- Reduces premature hose wear – Utilizing two planes of rotation
- Added protection vs. thermal and chemical degradation – Dual Seals



ADVANCED DISPENSING HARDWARE SOLUTION IN THE INDUSTRY

Go to our family of 21st Century Green Nozzle Innovations.
hardware solution for Ethanol applications UL listed up to 85% Ethanol.



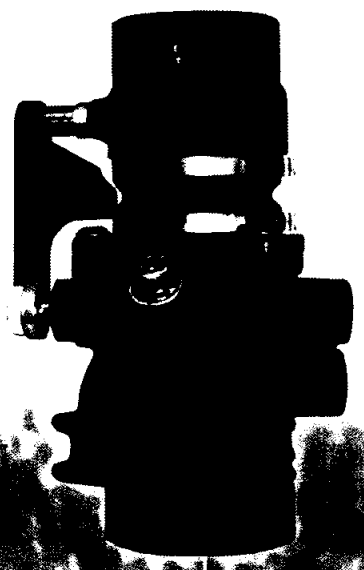
OPW 66V-0492 Ethanol Fueling Hose Breaker

- Prevents costly damage to dispensing equipment
- Pulls apart at less than 10 lbs. of force
- UL listed up to 85% Ethanol
- Available in 1/2" and 3/4" sizes
- Up to 1000 psi
- From OPW's 21st Century Green Nozzle Line

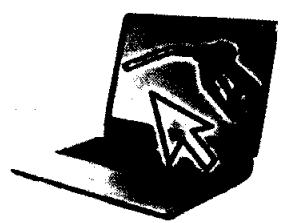


10 Plus Series Emergency Shut-Off Valve

- Provides peace-of-mind comfort that an unnecessary risk of leak has been eliminated at your site
- Helps to eliminate health, environmental contamination and fire hazards that could result from fractured valves leaking into sumps
- Prevents undetected product loss – Patent Pending SmartGuard™ Design
- Playable sized design for easy installation



Learn more about the features and benefits of the OPW's 21st century green nozzles at: www.opw21ge.com





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Home > Petroleum > Valves > Dispenser Emergency Valves



OPW 10 Plus Emergency Shut Off Valve

Manufacturer: OPW



OPW 241TPS-0492 Ethanol Swivel

OPW 241TPS-0492 Ethanol Swivel

The OPW 241TPS-0492 is designed and rigorously tested for use in today's alternative fuels. The first swivel of its kind to be UL listed for use in Ethanol blended fuels up to 85%. Swivels are installed in between the nozzle and the hose to provide flexibility in the system to reduce customer strain, position the nozzle properly, and reduce premature hose wear.



241TPS-0492 E85 Ethanol Swivel

OPW 241TPS Series Hose Swivels

Features & Benefits

Features

- UL Listed for up to 85% ethanol.
- Allows for easy nozzle positioning in fill pipes – Utilizing two planes of rotation.
- Reduces premature hose wear – Utilizing two planes of rotation.
- Added protection vs. thermal and chemical degradation – Dual Seals

Design working pressure

- 50 PSI (3.45 bar) maximum pressure.

Materials

- **Body:** aluminum w/ nickel plating
- **Outlet Adaptor:** zinc w/ nickel plating
- **Inlet Adaptor:** zinc w/ nickel plating
- **Seals:** Buna-N, Viton®
- **Bearing:** nylon
- **Weight:** 0.65 lbs., 0.30 kg

Performance

Products

Retail Fueling Products

[Piping & Containment Systems](#)

[Underground Storage Tank Equipment](#)

[Standard Dispensing Equipment](#)

[Automatic Nozzles - Gas Station](#)

[Automatic Nozzles - Bulk Fueling](#)

[Manual Nozzles - Aircraft, Bulk, General and Accessories](#)

[Swivels and Breakaways](#)

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[VR and Balance ConVRsion Packages](#)

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[CleanEnergy Fueling Products](#)

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Other Product Families

[Chemical & Industrial Products](#)

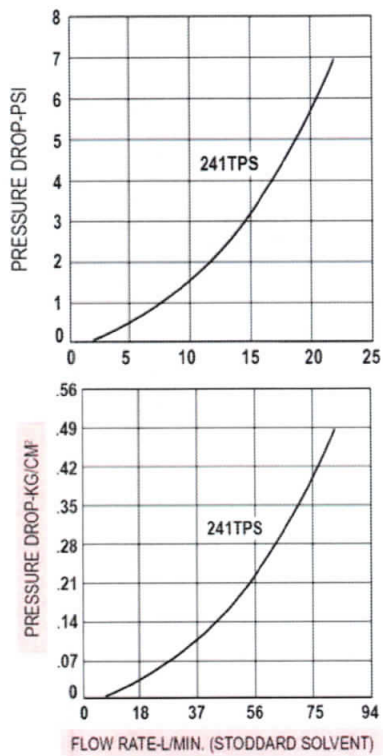
[Transportation Products](#)

[Vehicle Wash Solutions](#)

Contact OPW

First Name*	Last Name*
<input type="text"/>	<input type="text"/>

Email*



Listings & Certifications



Message

Type of Inquiry*

- General
- Quote Request
- Technical Assistance

I consent to having OPW collect my name and email.

This form collects your name and email address in order for us to answer your query. Find our full [privacy policy](#) here.

I'm not a robot

reCAP
Privacy

SUBMIT

- CAREERS
- PRIVACY POLICY
- COOKIE POLICY
- TRANSPARENCY IN SUPPLY CHAINS DISCLOSURE
- CONFLICT MINERALS
- SAFETY RECALLS
- COMPANY EMAIL

OPW CORPORATE HEADQUARTERS

10000 W. 16th Ave.
Denver, CO 80202

10000 W. 16th Ave., Suite 1000
Denver, CO 80202
Tel: 303.440.1000
Fax: 303.440.1001
www.opw.com

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ACCEPT



April 20, 2016

Subject: Gilbarco - Catlow, LLC Fuel Compatibility Statement

Catlow hanging hardware equipment is compatible with the percent content of the listed alternative fuels.

Equipment Type	Series or Part Number (P/N)	Ethanol blend %
Nozzle	Elite - NEPNLXX-E85, NEPLXX-E85, NENLXX-E85, NELXX-E85	85%
Magnetic Breakaway	CTM75-E85	85%
Swivels	C720 ¾-E85	85%
Nozzles	Elite - NEPNLXX, NEPLXX, NENLXX, NELXX	15%
Magnetic Breakaway	CTM75	15%
Swivels	C720 ¾	15%

Compatibility has been determined by testing, industry research and/or engineering judgement. Any warranty claims shall be honored for above models in accordance with our standard policy.

Feel free to contact us if further assistance or clarifications are needed.

Best Regards,

Cameron Carmack

General Manager, Hanging Hardware

2750 U.S. Route 40, Tipp City, OH 45371

Phone: 937-898-3236 Fax: 937-898-8631

ROBERT YOUNG, INC.
5451 West 110th St.
Oak Lawn, Illinois 60453
Est. 1947
Phone (708) 857-7080

PROPOSAL

To E 85
505 Redondo Drive, Apt #505
Downers Grove, Illinois 60516
Attention: John Van Pelt
Job Site: Kean
111th Talman
Chicago, Illinois 60655

Date 03/15/99
Revised

Subject U.S.T. Installation

FOR THE SUM OF-----

\$58,465.00

We propose to furnish labor and material as follows:
One-6000 gallon Permatank singlewall - 8'x16'.
Freight to job site included. 3-4 Week delivery.
Excavate and set tank, based on clean spoils, contaminated soil removal not included.
Trench from north side of existing UST's, to southeast island.
Install piping sump on tank, install a 3/4 hp AG Red Jacket submersible pump, with leak detector, and "2 ball valve.
Install Overfill and Spill containment.
Run APT Doublewall flexible product line and 2" Ameron fiberglass vent piping.
Install a 4'x4'x9" island form with "U" bumper.
Install a OP'W 10BUP 5926 safety valve and dispenser pan.
Backfill excavation and trenches. Pour a 12'x 20' x8" concrete pad over tank, replace blacktop approximately 3'x100'x4".
Fill island form with concrete.
Furnish and install one Tokheim model H322BR 1 hose per side, dual sided, 1 product.
Max vac vapor recovery, painted valances, speaker in dispenser, vision console, 67B-8 interface box. Training on console is included.
Nozzle's, swivel's, breakaway's, filters and adaptor's are included, as specified on documents received on 01/27/99.
Chicago UST permit included. Applicable taxes are included..

Thank you for the opportunity to quote on your requirements

Customer-----Robert Young, Inc -----
By----- Date-----

Frank J. Beck

Frank J. Beck

AGREEMENT
NATIONAL ETHANOL VEHICLE COALITION
E-85 TANK INSTALLATION

This AGREEMENT is made and entered into this 1st day of June, 1999, by and between the Illinois Corn Growers Association (ICGA) and Kean Brothers, Inc., hereinafter referred to as "the RECIPIENT".

The purpose of this AGREEMENT is to identify actions that are required to be performed by the RECIPIENT and the ICGA to implement the E-85 Infrastructure Development Project, described herein.

I. DURING THE PERIOD OF THE AGREEMENT, THE RECIPIENT HEREBY AGREES:

- A. To comply with all applicable laws, ordinances, and codes of the state and local governments and all conditions, rules and regulations of the U.S. Department of Energy which relate to the administration of grants.
- B. To maintain records regarding total cost of the E-85 project, number of gallons of E-85 sold on a monthly basis, fuel cost, consumer comments and other information relevant to this agreement for a period of five years from the date the E-85 tank is operational. Should an audit, litigation or other action involving the records be started prior to the end of the five-year period, all records must be retained until each issue arising out of the action is resolved. All costs for which payment is claimed shall be supported by properly executed payrolls, time records, invoices or other documentation evidencing, in proper detail, the nature of the charges.
- C. To permit representatives of the U.S. Department of Energy, the Comptroller General of the United States, state of Illinois or any other representatives duly authorized by the ICGA to have access to any books, documents, papers and records of the RECIPIENT which are directly pertinent to this agreement for the purpose of making an audit or examination. The RECIPIENT further agrees that the ICGA staff or its authorized representative may carry out monitoring and evaluation activities.
- D. That the services to be performed shall not be assigned, sublet or transferred to any other corporation or organization without the written approval of the ICGA.
- E. To comply with Equal Employment Opportunity as described in U.S. Executive Order 11246 as amended by U.S. Executive Order 11375, and as supplemented in the U.S. Department of Labor regulations (10 CFR Part 60).
- F. To cooperate fully with the ICGA to audit fiscal transactions related to expenditures made under the terms of this AGREEMENT. This audit will be done in accordance with the provisions of generally accepted auditing standards, and the disposition of any

discrepancies relating to questioned costs of fiscal irregularities on part of the RECIPIENT will be the responsibility of the RECIPIENT. Audits will be conducted at the sole discretion of the ICGA.

- G. To insure that any information released to the general public concerning this agreement or work completed under this agreement include reference to the fact the ICGA is a grantor, state support came from the Illinois Department of Commerce and Community Affairs and federal support came from the U.S. Department of Energy. All press releases, news media advisories, or other materials provided for the benefit of public consideration relating to the establishment of this E-85 refueling facility, shall be approved in advance of distribution by ICGA or their designated representative.
- H. To comply with any U.S. Department of Energy regulations and requirements concerning patents, inventions and copyrights.
- I. To use funds provided by the ICGA solely to acquire and install a **6,000** gallon underground tank and pump in order to be able to sell and dispense E-85 fuel at **2632 West 111 Street, Chicago, IL 60655**. All improvements and materials supported with funds provided by the ICGA must meet Fuel Ethanol Compatibility Standards and Dispensing Equipment List for E-85 Fuel Vehicles as established and adopted by the American Automotive Manufacturers Association and dated August 10, 1995. Such specifications are attached to this AGREEMENT.
1. This E-85 dispensing apparatus is agreed to be in operation and available for use by the general public on or before **September 1, 1999**. For the purpose of Section I, 2 of this AGREEMENT, **September 1, 1999**, shall constitute the definition of the **EFFECTIVE DATE**.
 2. Subject to the terms of this AGREEMENT, RECIPIENT will continue to dispense E-85 from the above specified refueling location without interruption. Should the RECIPIENT not continue to dispense and market E-85 for retail sale to the general public from the location identified above, the RECIPIENT shall be subject to the following penalties:
 - a. If within 12 months after the effective date of this AGREEMENT, the RECIPIENT is not dispensing and marketing E-85 for retail sale to the general public, from the location identified within this AGREEMENT, on a continual basis, the RECIPIENT shall return 100 percent of the amount of financial support, by the ICGA to the RECIPIENT, within 30 days of ceasing to dispense and market E-85.
 - 1) The RECIPIENT shall have the opportunity to meet and confer with ICGA, to review the factors which may have resulted in the interruption of the availability of E-85 fuel.
 - 2) The ICGA shall maintain the right to extend the period of time and modify the causes and amounts of penalties specified herein.

- b. If from the 366th day of the effective date of the AGREEMENT, to 60 months from the effective date of this AGREEMENT, the RECIPIENT is not dispensing and marketing E-85 for retail sale to the general public, from the location identified within this AGREEMENT, on a continual basis, the RECIPIENT shall refund 50 percent of the amount of financial support having been provided by the ICGA to the RECIPIENT and such reimbursement shall be made to ICGA within 30 days from the date dispensing of E-85 has terminated.
 - c. Upon the expiration of 60 months, from the date this AGREEMENT is executed, of uninterrupted retail sale of E-85, all financial obligations of the RECIPIENT shall be deemed satisfied. After 60 months, the RECIPIENT shall be allowed to discontinue the sale of E-85 without further obligation to the ICGA. Obviously stated, it is the desire of the ICGA to have the RECIPIENT continue sale of E-85 after the period of this AGREEMENT; however, RECIPIENT is under no obligation to do so.
3. *Continual Basis* is defined as providing E-85 regularly, consistently, and without interruption. Such fuel shall be available 360 days a year for at least 12 hours per day. Interruptions of fuel availability, as a result of supplier difficulties or shortages, must be immediately reported to the ICGA. Failure to report supply disruptions may result in the imposition of the penalties as described in the AGREEMENT.
 4. E-85 is defined as Ethyl Alcohol (C₂H₅, OH), typically a blend of 85% denatured ethanol (containing about 5% hydrocarbon denatured) and 15% hydrocarbons by volume. The hydrocarbons shall meet all applicable state and federal requirements. Total hydrocarbon volume shall range from 15% to 30% of the total volume of the E-85, based on seasonal conditions and standards developed and adopted by the American Society for Testing and Materials, ASTM D5798 and the American Automobile Manufacturers Association Specification for Fuel Ethanol as Dispensed to Vehicles dated August 25, 1995. Such specifications are attached as appendices to the AGREEMENT.
- J. The RECIPIENT agrees that any and all financial assistance, provided to it from the ICGA, shall be solely used to acquire and install equipment relating to the stated purpose of this AGREEMENT. No funds provided by the ICGA shall be used for any other purpose.
 - K. The RECIPIENT agrees to protect, indemnify, and save harmless the ICGA, its members, officers, employees, and representatives, from and against, any and all liabilities, losses, suits, judgments, claims, demands, and causes of action in connection with the performance of this AGREEMENT by the RECIPIENT.

II. IN CONSIDERATION OF THE PERFORMANCE OF THESE SERVICES BY THE RECIPIENT, THE ILLINOIS CORN GROWERS ASSOCIATION AGREES TO THE FOLLOWING:

- A. Disburse to the RECIPIENT up to **\$58,465.00** to carry out activities and services described in this agreement relating to installation of an E-85 fueling site at **2632 West 111 Street, Chicago, IL 60655**.
1. Financial assistance provided the RECIPIENT by the ICGA will be based on actual costs of equipment and installation in regards to the conditions outlined in Paragraph III, not to exceed **\$58,465.00**.
 2. All financial support provided to the RECIPIENT by the ICGA will be on a cost reimbursement basis only. RECIPIENT shall submit paid invoices to the ICGA specifying the cost of the improvements which have been undertaken to provide E-85. Each invoice should include a statement regarding the location to which the equipment has been delivered.
 3. The RECIPIENT may request multiple reimbursements or one reimbursement upon completion of equipment installation. Final reimbursement shall be made to the RECIPIENT upon the E-85 equipment having become operational and E-85 being made available to the general public; and completion of a final inspection of the newly installed equipment by the ICGA or their authorized representative.
- B. The ICGA may make available other technical assistance as may be necessary and prudent for the purpose of promoting the efforts of the RECIPIENT.

III. THE FOLLOWING CONDITIONS APPLY TO THE RECIPIENT AND ICGA:

- A. The written terms and provisions of this agreement shall supersede all prior verbal statements of any representative of the parties to this AGREEMENT and such statements shall not be effected or construed as entering into or forming a part of, or altering in any manner whatsoever, this agreement or the agreement documents.
- B. The RECIPIENT will exempt ICGA and its representatives and assume full liability of any unforeseen incidental costs which arise during installation, such as, but not limited to:

Damage to/or repair of underground sewer, water, gas, phone, electric, etc.
Removal and/or disposal of footings, foundations, boulder rocks, or bed rock
Removal and/or disposal of contaminated soil, gas or chemicals in ground
Cave-ins because of unstable soils
Extremely wet holes and water problems along with running sand

- Removal of any contaminated liquids that may be present
- Any extra concrete work
- Any extra electrical work
- Any blacktop work
- Any extra backfill material

C. If for any cause within the RECIPIENT'S reasonable control, the RECIPIENT shall fail to fulfill in a timely and proper manner its obligations pursuant to this AGREEMENT, or if RECIPIENT shall violate any of the stipulations of the AGREEMENT, the ICGA shall thereupon have the right to terminate this AGREEMENT by giving not less than 30 days written notice to the RECIPIENT via Certified Mail of such intent to terminate and shall specify the reason for and effective date thereof.

1. The ICGA shall provide the RECIPIENT an opportunity for consultation and shall allow the RECIPIENT to cure the cause for termination.

D. Cause for Termination

1. Failure of the RECIPIENT to fulfill in a timely manner its obligations under this AGREEMENT, including compliance with the attached equipment and fuel specifications.
2. Ineffective or improper use of funds provided under this agreement.
3. Suspension or termination by the U.S. Department of Energy of the grant to the ICGA under which the agreement is made, or the portion thereof delegated by this agreement.

E. It is further agreed that any breach or evasion of any of the terms of this AGREEMENT by either party will result in immediate and irreparable injury to the other party and will authorize recourse to injunction and/or specific performance as well as other legal or equitable remedies to which such injured party may be entitled hereunder.

F. This AGREEMENT may be extended or amended by mutual agreement of the parties prior to its expiration. All amendments must be in writing, signed and dated by both parties and thereupon shall become part of this AGREEMENT.

G. Severability - In the event any portion of this AGREEMENT shall be held to be invalid, the remainder of this AGREEMENT shall remain in full force and effect as if the invalid provisions were not included herein.

H. Governing Law - This AGREEMENT shall be construed in accordance with and governed by the laws of the State of Illinois and shall be interpreted in accordance therewith, and the parties choose McLean County, Illinois, as the place for resolution of any disputes arising hereunder.

AUTHORIZATION:

It is further represented by the parties hereto that each of the undersigned is authorized to execute and make a binding AGREEMENT on behalf of the respective parties which are identified below. This Signature Sheet shall bind both the RECIPIENT and ICGA pursuant to the conditions of the AGREEMENT.

EVIDENCE OF RECIPIENT ACCEPTANCE:

Raleigh Kean
Mr. Raleigh Kean
President

8-13-99
DATE

AWARDED BY:

Rodney M. Weinzierl
Executive Director
Illinois Corn Growers Association

DATE