



June 8, 2009

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Ms. Danielle Bentzen  
Florida Department of Environmental Protection - Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, FL 32803-3767

**RE: In-Kind Project Plan Quarterly Progress Report**

AERC.com, Inc., 4317-J Fortune Place, West Melbourne, FL 32904 | EPA ID# FLD 984 262 782

Dear Ms. Bentzen,

On behalf of AERC.com, Inc., and in agreement with the approved In-Kind Project Plan for the AERC West Melbourne, FL facility, I am providing you this communication of the Quarterly Progress Report.

The following activities have been completed or are currently underway:

1. As of today - OMNI has issued a FINAL DRAFT of the video script including planned graphics. A copy of the script outline is enclosed. AERC intends to progress to the production of the video upon receipt of comments from the Department. As previously noted, the production of the final English language video will be completed first – progressing to the production of the Spanish language version. The following issues/questions are expected to be addressed in the near term:
  - a. Adjustments to project estimate/purchase order are necessary based on the several items including the need to research and acquire some of the images to be used in the video. An adjustment to the production cost estimate will be made once the video is produced.
  - b. A meeting will be held tomorrow, Tuesday, June 9<sup>th</sup>, to continue discussion on the script in efforts to finalize remaining questions on any outstanding images and proceed to production.
2. AERC has made progress with the development of intended material content for the planned retail shelf tear-off sheets. A copy of both the English and Spanish language versions are provided for your review. AERC has not made direct progress on the format for these tear-off sheets asking the Department for your input with regard to the following questions:
  - a. Are there specific graphics, layout and/or formatting that is desired by the Department? AERC has seen a previously produced brochure, *Homeowner's*

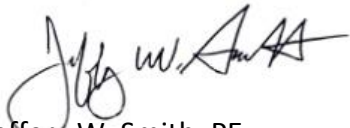
*Guide to Unwanted Medications.* Copy attached as reference. Should we follow similar formatting?

- b. Does the Department have specific size specifications that should be considered? The attached content may take up both sides of an 8 ½ x 11 sheet – is this too big? It is believed the final document will be larger than the referenced existing brochure.

AERC appreciates your feedback as requested as we progress towards completion of the final video and associated tear-off coupons. Thank you in advance for your assistance.

Should you have any questions or comments regarding this submittal please contact either myself at (610) 797-7608, ext. 149, or Ms. DePaola at (321) 952-1516.

Sincerely,







Jeffery W. Smith, PE  
Director of Regulatory Affairs & Compliance





Enclosure

cc: D. Valin, FDEP  
R. Clarke, FDEP  
T. DePaola, AERC





**Florida Department of Environmental Protection  
Recycling Script for Web Site Video**

#	VISUAL/GRAPHIC	AUDIO
1		TITLE MUSIC UP, ESTABLISH, THEN UNDER
2	 A woman with blonde hair, wearing a denim shirt, is sitting at a desk. She has her hand on her forehead, looking stressed or overwhelmed. In front of her are several papers, a green calculator, and a laptop.	VO: Now, more than ever, people are looking for ways to save. In times of tightening budgets, reducing your electric bill makes a lot of sense.
3	 A woman with blonde hair, wearing a denim shirt, is sitting at a desk. She is smiling and looking towards the camera. In front of her is a laptop and a notebook with a pen.	So, how would you like to lower your cost of energy while helping save our environment?
4	 A pair of hands is holding two light bulbs. On the left is a traditional incandescent light bulb, and on the right is a compact fluorescent lamp (CFL).	There is an easy and affordable way to do both – simply change out traditional incandescent light bulbs for Compact Fluorescent lamps – CFLs.
5	 A compact fluorescent lamp (CFL) bulb is resting on a stack of US dollar bills, including a \$50 bill and a \$20 bill.	Since household lighting makes up about 20% of the average family's electric bill, changing over to CFLs can make a difference.

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Recycling Script for Web Site Video**

#	VISUAL/GRAPHIC	AUDIO
6		CFLs use about <b>75% less energy</b> than standard incandescent bulbs...
7	Same as above or Text Graphic	...and can last up to <b>10 times</b> longer.
8	Same as above or Text Graphic	You can save about <b>\$30 or more</b> in electricity costs over the lifetime of <b>each CFL</b> you install.
9		Better still, CFLs produce <b>75% less heat</b> than standard incandescent bulbs so they are safer to operate and can cut out energy costs for cooling your home in our warm Florida climate.
10		When you add it all up, changing over to CFLs make a lot of economic as well as environmental sense.
11		If every American home replaced <b>just one</b> standard light bulb with a CFL, we would save enough energy to light more than <b>3 million homes</b> for a year...
12	Text Graphic	...we would save more than <b>\$600 million</b> in energy costs...
13	Text Graphic or	...and prevent greenhouse gas emissions equivalent to taking <b>800,000 cars</b> off our roads.

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Recycling Script for Web Site Video**

#	VISUAL/GRAPHIC	AUDIO
		
14		While CFLs and other fluorescent lamps offer energy savings and environmental benefits, we need to be sure to handle them safely. The technology that makes CFLs so efficient utilizes a very small amount of mercury, so it is important to handle and recycle CFLs in the proper manner.
15	Text Graphic	On average, each CFL contains about 5 milligrams of mercury...
16	Text Graphic	...about the amount that would cover the very tip of a ballpoint pen.
17		To put that amount of mercury into perspective, a typical older thermometer contains about <b>500</b> milligrams – or <b>100 times</b> more mercury than in a CFL.
18	Istock Video of CFL dropping and breaking	Like a standard light bulb, CFLs are made of glass, so they should be handled with care and will break if dropped or roughly treated.
19		While as easy to install as a standard light bulb, it is always wise to be careful and aware when installing any CFL.

**Florida Department of Environmental Protection  
Recycling Script for Web Site Video**



#	VISUAL/GRAPHIC	AUDIO
20	Live action stills to block 28-29	Should a CFL burn out or break, you should recycle the materials properly.
21		Recycling is available at your local county's household hazardous waste management center as well as selected retailers and home improvement centers.
22	Image of FDEP Website  <a href="http://www.dep.state.fl.us/waste/categories/hazardous/pages/household.htm">http://www.dep.state.fl.us/waste/categories/hazardous/pages/household.htm</a>	Most Florida communities have facilities for recycling or disposing of hazardous materials. Information about managing household hazardous waste at a facility in your county can be found at the Florida Department of Environmental Protection website (link shown here).
23		The State of Florida is also partnering with some local retailers to provide convenient and easy to use recycling options.
24	Need image of agreed upon recycling display	Simply go to a participating retailer and look for a recycling display. Your local retailer can also help you select the color, style, size and wattage of fluorescent lamp to suit your specific needs.
25		The retailers participating in the program have packaging available for the safe recycling of CFLs as well as straight and u-tube fluorescent lamps.
26		Follow the instructions provided and your materials will be recycled safely and efficiently.
27		The in-store display also has additional printed literature available to give you more information.
28	Image of FDEP website listing all counties and the FDEP #: 1-800-CLEANUP	Should a CFL break, it is essential that you follow safe clean-up procedures before taking the broken materials to a

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Recycling Script for Web Site Video**

#	VISUAL/GRAPHIC	AUDIO
	<a href="http://www.dep.state.fl.us/waste/categories/hazardous/pages/localgovhweb.htm">http://www.dep.state.fl.us/waste/categories/hazardous/pages/localgovhweb.htm</a>	local government household hazardous collection center.
29	Image of FDEP released PDF image found at:  <a href="http://www.dep.state.fl.us/waste/quick_topics/publications/shw/mercury/CFLCleanupGuidelinesLetterheadFinal062507.pdf">http://www.dep.state.fl.us/waste/quick_topics/publications/shw/mercury/CFLCleanupGuidelinesLetterheadFinal062507.pdf</a>	The Florida Department of Environmental Protection recommends that you follow these four steps for the safe clean-up and disposal of broken CFLs.
30	Live action still pictures	<b>Step One</b> – ventilate the room. Open a window and keep everyone out of the room for at least 30 minutes.
31	Live action still pictures	If available, point a floor or pedestal fan at the open window.
32	Live action still pictures	A ceiling fan will provide some benefit but will not move the air out of the room.
33	Live action still pictures	<b>Step Two</b> – pick up all the materials you can and be sure to wear disposable gloves.
34	Live action still pictures	Carefully scoop up the fragments and powder with stiff paper or cardboard.
35	Live action still pictures	Use sticky tape to pick up small pieces.
36	Live action still pictures	<b><u>Do not use a vacuum cleaner.</u></b>
37	Live action still pictures	Wipe the area with a damp disposable towel.
38	Live action still pictures	<b>Step Three</b> – double bag and recycle.
39	Live action still pictures	Place the broken CFL and clean-up materials in double plastic bags and seal the bags.
40	Image of FDEP website listing all counties and the FDEP #: 1-800-	Take the materials to a county household hazardous waste center or local







**Florida Department of Environmental Protection  
Recycling Script for Web Site Video**





#	VISUAL/GRAPHIC	AUDIO
	CLEANUP	collection event. Do not take the broken lamp to your retail recycler since they are not equipped to manage this material. Manage it at one of the local household hazardous waste collection centers mentioned earlier.
41	Live action still pictures	<b>Step Four</b> – remember to wash your hands thoroughly after completing each of the previous three steps. <i>(Note: these are the steps in order as described in the government produced materials sent and available on the web.)</i>
42	Live action still pictures	Properly recycling broken or burned out CFLs is good for you, the community, the economy and the environment.
43		While CFLs contain only a very small amount of mercury, it is important that we keep any mercury from contaminating our air, surface water and ground water.
44	Same as above	Recycling has a dramatic impact on keeping mercury out of our environment.
45		Disposing of CFLs or fluorescent lamps in household trash means that mercury is not only seeping out of landfills it is contaminating our neighborhoods and communities, including your trash can and garbage collector's truck.






**Florida Department of Environmental Protection  
Recycling Script for Web Site Video**

#	VISUAL/GRAPHIC	AUDIO
46		Mercury contamination in Florida is most evident from the fish consumption advisories due to high mercury levels in certain fish in Florida lakes and the Everglades.
47		The Florida Department of Environmental Protection has responded with research to better understand this problem and to develop effective controls.
48		Your help in properly recycling CFLs and fluorescent lamps can eliminate a key source of mercury.
49		This minimizes environmental impact as well as reducing the cost of expensive clean-up efforts.
50		Recycling helps preserve Florida's environment...
51	 or	...while the energy efficiency of CFLs helps reduce our state's carbon footprint by using less fossil-fuel-generated electricity.

**Florida Department of Environmental Protection  
Recycling Script for Web Site Video**

#	VISUAL/GRAPHIC	AUDIO
		
52	<p><a href="http://www.dep.state.fl.us/waste/categories/mercury/">http://www.dep.state.fl.us/waste/categories/mercury/</a></p>  <p><a href="http://earth911.com/">http://earth911.com/</a></p> 	For more information on the potential impact of mercury on the environment or to learn more about the benefits of recycling - visit the Florida Department of Environmental Protection's mercury program website or Earth911's web site.
53	 <p>or</p> 	Changing to CFLs makes great economic sense by lowering your electric bill.

**Florida Department of Environmental Protection  
Recycling Script for Web Site Video**

#	VISUAL/GRAPHIC	AUDIO
54	 <p align="center">or</p> 	Recycling burned out or broken CFLs makes sense for the environment by protecting Florida's precious natural resources.
55		Become part of Florida's Recycling Team – when you recycle, we all benefit!
56		CLOSING MUSIC UP AND OUT

I have approved this script for production per the terms of the agreement with Omni Productions dated 2/19/09. I understand that once the voice tracks are recorded, that any changes or additions will result in charges above and beyond those in the original estimate.

\_\_\_\_\_  
Jeff Smith - AERC

## Thank you for Buying Compact Fluorescent Lamps

Imagine if people all over the world mobilized to replace one billion standard incandescent light bulbs with energy-efficient compact fluorescent (CFL) light bulbs. What would that mean? It would mean that those people would save money each month on their electricity bill. It would make a difference to the environment - preventing greenhouse gases equivalent to the annual emissions of millions of cars. And it would reduce our energy dependency on other countries and on fossil fuels.

### Why should people use CFLs?

Switching from traditional light bulbs (called incandescent) to CFLs is an effective, simple change everyone in America can make right now. Making this change will help to use less electricity at home and prevent greenhouse gas emissions that lead to global climate change. Lighting accounts for close to 20 percent of the average home's electric bill. ENERGY STAR qualified CFLs use up to 75 percent less energy (electricity) than incandescent light bulbs, last up to 10 times longer, cost little up front, and provide a quick return on investment.

If every home in America replaced just one incandescent light bulb with a Compact Fluorescent Lamp (CFL), in one year it would save enough energy to light more than 3 million homes. That would prevent the release of greenhouse gas emissions equal to that of about 800,000 cars.

### Guidelines to follow when using CFLs in the Home:

CFLs are made of glass and can break if dropped or roughly handled. Be careful when removing the bulb from its packaging, installing it, or replacing it. Always screw and unscrew the light bulb by its base (not the glass), and never forcefully twist the CFL into a light socket. If a CFL breaks in your home, follow the clean-up recommendations below. Used CFLs should be disposed of properly (see below).

CFLs contain a very small amount of mercury sealed within the glass tubing – an average of 4 milligrams. By comparison, older thermometers contain about 500 milligrams of mercury – an amount equal to the mercury in 125 CFLs. Mercury is an essential part of CFLs; it allows the bulb to be an efficient light source. No mercury is released when the bulbs are intact (not broken) or in use.

### How should I clean up a broken fluorescent bulb?

Because CFLs contain a small amount of mercury, the FL DEP recommends that you follow these four steps for the safe clean-up and disposal of broken CFL's.

- **STEP ONE - Ventilate The Room:** Open a window and keep everyone out of the room for at least 30 minutes. If available, point a floor or pedestal fan at the open window. A ceiling fan will provide some benefit but will not move the air out of the room.
- **STEP TWO – Pick up the Materials:** Wearing disposable gloves carefully scoop up the fragments and powder with stiff paper or cardboard. Use sticky tape to pick up the small pieces. **DO NOT USE A VACUUM CLEANER.** Wipe the area with a damp disposable towel.

- **STEP THREE – Double Bag and Recycle:** Place the broken CFL and clean-up materials in double plastic bags and seal the bags. Take the materials to a county household hazardous waste center or local collection event. Please find your local household hazardous waste center at: [www.dep.state.fl.us/waste/categories/hazardous/pages/localgovhhwwweb/htm](http://www.dep.state.fl.us/waste/categories/hazardous/pages/localgovhhwwweb/htm) or you may call 1-800-CLEANUP.
- **STEP FOUR – Wash your Hands:** Remember to wash your hands thoroughly after completing each of the previous three steps.

### **How are fluorescent lamps recycled?**

During recycling, lamps are crushed and the various materials are separated under a continuous vacuum filtration process. The glass, aluminum and mercury-bearing phosphor powder is captured safely and recycled for use in other products.

Virtually every component of a fluorescent lamp can be recycled, including metal end caps, lamp glass, and mercury phosphor powder. The recycled glass can be used as feedstock in the manufacture of glass products, or as cement aggregate. The aluminum end caps are recycled as metal scrap. Retorting recovers mercury from the mercury phosphor powder, which, after further purification, is reused in thermometers, barometers, and electronic devices.

## **Gracias por Comprar Compact Fluorescent Lamps**

Imagínese si la gente por todo el mundo se movilizaría para substituir un Billon de bombillas incandescentes estándar por las bombillas fluorescentes compactas económicas de energía. ¿Qué eso significaría? Significaría que esas personas ahorrarían el dinero cada mes en su cuenta de la electricidad. Haría un cambio de diferenciación al ambiente-Previniendo los gases de efecto invernadero equivalentes a las emisiones anuales de millones de carros. Además reduciría nuestra dependencia de energía en otros países y en los combustibles fósiles

### **Porqué debe usar la gente Lamparas Fluorescent Compactas?**

El cambiar de las bombillas tradicional (llamadas Incandescent) a CFL es un cambio eficaz, simplemente que cada persona en América puede realizar ahora. Realizar este cambio ayudará a utilizar menos electricidad en el país y a prevenir las emisiones de gases de efecto invernadero que llevan al cambio del clima global. La iluminación explica cerca del 20% de la cuenta eléctrica casera. Energy Star califica el 75% menos energía (electricidad) que las bombillas incandescentes, y duran hasta 10 veces mas tiempo, el costo es un poco mas, pero proporcionan una rentabilidad de la inversión rápida.

Si cada hogar en América substituyera apenas una bombilla incandescente por una lámpara fluorescente compacta (CFL), en un año ahorraría bastante energía para encender más de 3 millones de hogares. Eso prevendría el lanzamiento de las emisiones de gases de efecto invernadero iguales a la comparacion de 800,000 carros.

### **Pautas a seguir al usar CFL en el Hogar:**

CFL se hacen de vidrio y pueden romperse si se caen o manejados bruscamente. Tenga cuidado al quitar la bombilla de su empaquetado, de instalarlo, o de substituirlo. Atornille y desatornille la bombilla por su base (no el vidrio), y nunca use mucha fuerza al enroscar la CFL en un zócalo. Si una lampara compacta se quebrara en su hogar, siga las recomendaciones de limpieza (vease abajo). El uso de CFL debe ser dispuesto correctamente (véase abajo)

CFL contiene una minima pequeña cantidad de mercurio sellada dentro de la tubería de cristal al promedio de 4 miligramos. Para comparación, los termómetros más viejos contienen cerca de 500 miligramos de mercurio a la cantidad igual al mercurio en 125 CFL. El Mercurio es parte esencial de CFL; permite que la bombilla sea una fuente de luz eficiente. No se lanza ningun mercurio cuando las bombillas están intactos (no roto) o funcionando.

### **Cómo debo limpiar una bombilla fluorescente quebrado?**

Porque CFL contienen una pequeña cantidad de mercurio, La Florida DEP recomienda que usted siga estos cuatro pasos para la limpieza y la disposición seguras del CFL quebrado:

- 1er Paso - **Ventile el cuarto:** Abra una ventana y mantenga a todos fuera del cuarto por lo menos 30 minutos. Si está disponible, señale un ventilador del piso o del pedestal en la ventana abierta. Un ventilador de techo proporcionará una cierta ventaja pero no quitará el aire fuera del cuarto.
- 2<sup>do</sup> Paso - **Recoja los materiales:** Los guantes disponibles que usan sacan cuidadosamente los fragmentos y el polvo con el papel tieso o la cartulina. Utilice la cinta pegajosa para coger los pequeños pedazos: NO UTILICE LA ASPIRADORA. Limpie el área con la toalla disponible húmeda.
- 3er Paso – **Use doble bolsa y recicle:** Coloque el CFL quebrado y los materiales de limpieza en las bolsa de plástico dobles y selle las bolsas. Lleve los materiales a su centro de reciclaje de desperdicios peligrosos del hogar o de la colección local. Encuentre por favor su centro de desperdicios peligrosos del hogar local en [www.dep.state.fl.us/waste/categories/hazardous/pages/localgovhwwweb/htm](http://www.dep.state.fl.us/waste/categories/hazardous/pages/localgovhwwweb/htm) o puede llamar a 1-800-CLEANUP.
- 4to Paso – **Lavese sus manos:** Recuerde de lavar sus manos a fondo despues de completar los 3 pasos anteriores.

### **Cómo se reciclan las lámparas fluorescentes?**

Durante el reciclaje, se machacan las lámparas y los varios materiales se separan bajo proceso de filtración. El polvo del fósforo en el vidrio, aluminio y mercurio-cojinete se captura con seguridad y recicla para el uso en otros productos.

Virtualmente cada componente de una lámpara fluorescente se puede reciclar, incluyendo los casquillos de extremo del metal, el vidrio de la lámpara, y el polvo de fósforo del mercurio. Los vidrios reciclados se pueden utilizar como materia de base en la fabricación de productos de cristal, o como agregado del cemento. Los casquillos de extremo de aluminio se reciclan como desecho de metal. La réplica recupera el mercurio, del polvo de Fosforo (contenido de mercurio) que después de la purificación adicional, se reutilizara en termómetros, barómetros, y dispositivos electrónicos.



## Homeowner's Guide to Disposal of Unwanted Medications

### *Don't Flush That Leftover Medicine!*

It can cause contamination to Florida's aquatic environment because wastewater treatment systems are not designed to remove many of these medications.

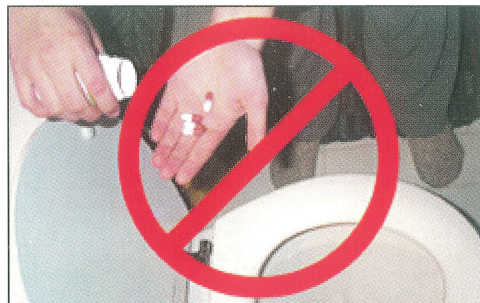
To protect the environment, please use these guidelines instead of flushing medications.

1. Keep in the original container. This will help identify the contents if they are accidentally ingested.
2. Mark out your name & prescription number for safety.
3. For pills: add some water or soda to start dissolving them;  
For liquids: add something inedible like cat litter or dirt
4. Close the lid and secure with duct or packing tape
5. Place the bottle(s) inside an opaque (non see-through) container like a detergent container.
6. Tape that container closed.
7. Hide the container in the trash. Do not put it in the recycle bin.

DO NOT give drugs to anyone else

DO NOT flush drugs down the toilet.

DO NOT put drugs in the trash without disguising them - human or animal scavengers may find them and misuse them.



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