

TIC 71-05980
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GENERAL ELECTRIC

NUCLEAR ENERGY

BUSINESS GROUP

GENERAL ELECTRIC COMPANY, 175 CURTNER AVE., SAN JOSE, CALIFORNIA 95125

July 17, 1980

Los Angeles Harbor Dept.
Port Wardens Office
255 West 5th St.
San Pedro, CA 90731



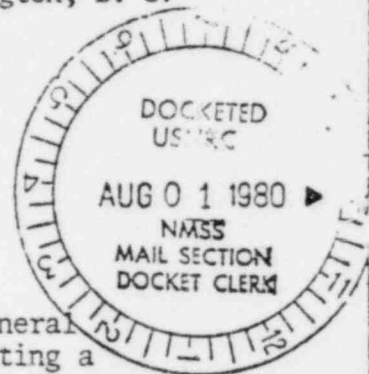
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File MWK: 80-15
Charles Hillman,
NRC office of
Physical Security
& Licensing Branch
Washington, D. C.

Attention: Captain Edward C. Henry

Subject: Escort Requirements for Irradiated
Fuel Shipment at Port of Los Angeles

Dear Captain Henry:

Per our telecon on July 2, 1980, I advised you that the General Electric Co. Nuclear Energy Business Group (NEBG) is expecting a shipment of irradiated reactor fuel from Sweden to the G.E. Co. Vallecitos Nuclear Center, Pleasanton, CA.



This shipment consists of the G.E. Co. Model 600 Series Cask, NRC Certificate No. USA/5980/B()F, with 13 irradiated fuel segments. The radioactive material, exclusive of cladding and containers, has a weight of 6,997 grams and an activity of 5600 curies. The total gross weight of the shipment is 20,700 lbs. This shipment is scheduled to depart Gothenburg, Sweden via the Johnson Scan Star vessel Margaret Johnson, Voyage 59W on July 28, and will arrive at its first U. S. Port of Call, Los Angeles, on August 25, 1980. The ship will be at Terminal Island, Berth 228 D for 4-6 hours before departing for the Port of Oakland, where the shipment will be off-loaded for delivery to Vallecitos on August 26, 1980.

As previously mentioned, effective July 3, 1980, the Nuclear Regulatory Commission implemented new requirements in 10 CFR Part 73, "The Physical Protection of Irradiated Reactor Fuel in Transit". One of the requirements is to have an armed escort maintain continuous surveillance of the shipment vessel while docked within a heavily populated area. The escort must be a member of a local law enforcement agency, who is equipped with normal LLEA radio communications. The escort will be required to make 2 hour check calls to the Licensee's Communications Center and maintain a written log including information describing the shipment and any significant events occurring during surveillance of the shipment vessel. The written log must be forwarded to the Licensee, where it will be kept on file a period of not less than one year.

General Electric Co. is setting up their own Communications Center in San Jose for the purpose of monitoring irradiated fuel shipments.

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After this is completed and the procedures are in place, I would like to meet with you to discuss the procedures and escort requirements. I also plan to visit the Terminal facility to better understand the logistics and the potential surveillance problems that a single escort may encounter.

Enclosed is a copy of the Nuclear Regulatory Commission amendments to 10 CFR Part 73 and the parts of NUREG-0561, "Interim Guidance", which cover sea shipments. I have identified with a yellow marker, areas which are both general and specific to ocean vessel and U. S. Port Security requirements.

As you had indicated that you could provide the necessary escort coverage for this shipment during our telephone conversation, I would like to initiate a Purchase Order to cover those services. I would appreciate it if you could send me a cost proposal based on the escort services of one patrolman on an off-duty or overtime basis, plus any charges for associated communications equipment. If you feel that proper surveillance of this shipment may require two patrolmen instead of one, please include in cost proposal.

If there are any questions concerning the enclosed information or this shipment, please call. I will be sending additional information and details of this shipment as they become available.

Yours truly,

Michael W. Kirkland

Michael W. Kirkland, Specialist
Hazardous Materials Transportation
General Electric Co. M/C 512
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San Jose, California 95125
Phone (408) 925-5703

Attachments
MWK:sh

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