



PRELIMINARY STATEMENT

Sheet 1

T. Electric and Magnetic Fields (EMF) Measurement Program.

1. Introduction: In response to the continuing uncertainty about the potential for human health impacts from long-term exposure to power-frequency electric and magnetic fields (EMF), the California electric utilities, the California Public Utilities Commission, the California Department of Health Services, the California Department of Education, and other stakeholders have developed an integrated EMF Research and Education Program.
2. California's EMF action plan includes:
 - a. Supporting research to resolve the unanswered questions about the potential for human health impacts;
 - b. Taking reasonable steps to minimize EMF from new facilities;
 - c. Providing balanced, accurate information derived from all sources to customers, employees, and regulators.

This action plan recognizes that the Utility does not know if EMF is a real health hazard. Reviews of the scientific literature have not concluded that a causal link exists between EMF and adverse human health impacts. There are potentially important scientific questions which remain. There is agreement that this is an important issue that should be resolved. Edison recognizes and takes seriously its responsibilities to help resolve these concerns.

Southern California Edison has in place an employee and customer EMF education and magnetic field measurement program. This program is designed to provide information about power-frequency (EMF).

3. Edison's EMF policy in regards to measurements of magnetic fields is:
 - a. Provide balanced, accurate information derived from all sources to our employees, customers, and regulators, including providing EMF measurements and consultation to our customers upon request.
 - b. Measurements at homes will be performed at the owner's or renter's request at no charge.
 - c. While the emphasis is on measuring fields from electric utility facilities, Edison also measures magnetic fields from indoor wiring, grounding systems, and appliances.
 - d. Measurements at school grounds and classrooms will be performed when requested by school district management.

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T. Electric and Magnetic Fields (EMF) Measurement Program. (Continued)

3. Edison's EMF policy in regards to measurements of magnetic fields is: (Continued)

- e. Measurements at places of business or employment are performed at the request of the local management. Edison will not perform large-scale industrial hygiene surveys, but will provide lists of firms that do.
- f. Edison uses a protocol that was internally developed. It closely follows the California Department of Health Services protocol, and allows for substantial customer direction about where measurements will be taken.

4. Customer and Employee Magnetic Field Measurements:

Customers and Edison employees receive information about EMF in their environment as part of Edison's magnetic field measurement program. Magnetic fields are measured and the resulting information is provided along with EMF brochures.

The following procedures are used for the Edison measurement program.

- a. Customer or employee request a measurement.
- b. The Utility schedules a visit by its trained EMF Specialist.
- c. Once at the property (e.g., home, business, worksite, or school) the Utility measures magnetic fields in the buildings and around the property using a calibrated three axis gauss meter. The results from the measurements are provided on a data form and provided to the customer.
- d. Additional information, as needed by the customer, is provided.
- e. Follow-up measurements may be arranged.

5. Edison's EMF Education Program:

The measurement of magnetic fields is part of our larger EMF Education Program. Understanding what is known and not known about EMF health risks and providing access to credible information about EMF is key to maintaining options and ensuring that California decision makers continue to respond appropriately to the EMF issue. In addition to performing magnetic field measurements, Edison's EMF Education Program has the following elements:

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Sheet 3

(Continued)

T. Electric and Magnetic Fields (EMF) Measurement Program. (Continued)

5. Edison's EMF Education Program: (Continued)

a. EMF Education Center.

The Edison EMF Education Center provides hands-on, interactive exhibits and learning opportunities. This facility is used by a wide range of customers and employees to improve their understanding of the technical and policy aspects of the EMF issue.

b. Customer and Employee Education Materials.

Information and education materials are provided by Edison to all interested customers and employees. Edison has written and distributes three brochures which provide an overview of the EMF issue, answer commonly asked questions, and provide access to more detailed literature. These are supplemented by technical and scientific reports and information from the California Department of Health Services, the U.S. Environmental Protection Agency, and brochures from the Carnegie-Mellon University. These brochures are updated as more information becomes available.

Information and education materials are also provided to Edison personnel, with an emphasis on those who work close to energized equipment. Edison also provides information to local city and county governments and schools to assist them in understanding the EMF issue.

c. Information Bill Inserts.

Annually, Edison includes a brief overview of the EMF issue along with information on how to get more information in customer's bills. Starting in 1994, these will be reviewed by both the California Public Utilities Commission and the California Department of Health Services.

d. Co-ordination.

The full complement of EMF information and education programs are updated as new information becomes available. These activities are coordinated with similar communication programs conducted by the rest of California's electric utility industry and the California Department of Health Services programs, and the National EMF Research and Public Information Dissemination Program. Edison's EMF information and education activities are also consistent with recommendations from the California EMF Consensus Group's report.

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