



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

AUG 14 1980

NJC

Mr. T. M. Anderson, Manager
Nuclear Safety Department
Westinghouse Electric Corporation
P.O. Box 355
Pittsburgh, PA 15230

Dear Mr. Anderson:

SUBJECT: WESTINGHOUSE REORGANIZATIONS

In your letters of February 15 and July 15, 1980, you notified us of organizational changes within the Westinghouse Water Reactor Divisions and within the Product Assurance Department of the Westinghouse Nuclear Technology Division. You provided several marked-up pages from Revision 9A of WCAP 8370 which described in some detail the organizational changes.

We have reviewed your February 15 and July 15, 1980 submittals, and we find them acceptable. They should be incorporated into the next revision of WCAP 8370.

Sincerely,

A handwritten signature in cursive script that reads "Walter P. Haass".

Walter P. Haass, Chief
Quality Assurance Branch
Division of Engineering

5. Demonstrated ability to prescribe, apply and assess compliance with applicable requirements.

Training relevant to quality assurance activities and pertinent to the position is described in Section 17.1.2.

The Product Assurance manager directs, controls and evaluates the Nuclear Technology Division Quality Assurance Program. This is accomplished through the development, coordination and publication of divisional policies and procedures, conduct of instruction and training programs on quality matters, and investigation and assessment of the program's effectiveness through the internal auditing program. Personnel from the Product Assurance Department work with representatives from the other functional departments to assure that activities affecting quality are properly defined, implemented and controlled.

Discussion and resolution of quality matters with the applicant and/or his agent is coordinated with the cognizant project manager and/or Product Assurance Project Regional Manager. Product Assurance personnel provide information in response to customer inquiries and audits of Nuclear Technology Division quality assurance activities.

The Product Assurance Department, as described by the department charter, has been assigned responsibility and authority to identify quality problems in quality-related functions of design, procurement, manufacturing, and testing; to take prompt positive action to limit incipient problems; to initiate, recommend or provide solutions to the problems to responsible management; to verify implementation of the necessary corrective action; to initiate action to: stop work or hold the release of NSSS equipment until proper disposition of unsatisfactory conditions is made.

Design Assurance, Systems
Compliance

The Product Assurance Department is divided into groups: ^A Product Assurance Systems and PA Project Regional Managers. The efforts of each group are directed by individual managers.

-- INSERT Design Assurance --

/Systems Compliance

The Product Assurance Systems group ^{(A) have} ~~has~~ the following major functional responsibilities. These are: 1) the maintenance of the Water Reactor Divisions Quality Assurance Plan, WCAP 8370, 2) the investigation and analyses of the Division's procedures for compliance with the criteria of 10CFR50, Appendix B as well as other industry and corporate quality standards, 3) preparation, promulgation and maintenance of division(s)-level policies/procedures, 4) internal auditing for compliance to established procedures, 5) quality engineering responsible for the planning aspects of the systems applied to NSSS electrical equipment quality assurance and for providing input to equipment specifications, drawings, and related procurement documents, 6) bid proposal review, 7) non-destructive examination and other quality training, and 8) coordinating audits by the applicant, U.S. Nuclear Regulatory Commission, and others.

Within Product Assurance, project regional managers are responsible for customer liaison on matters affecting product quality and for the coordination of Product Assurance activities with the Water Reactor Divisions Project Manager. These regional managers are responsible for monitoring timely implementation and completion of actions on the part of Water Reactor Divisions and suppliers which are related to the quality of the product for NSSS customers. In addition, these managers provide itinerant product assurance support to the Water Reactor Divisions manufacturing divisions through audit and product surveillance.

17.1.1.2 Nuclear Commercial Operations Division

The Nuclear Commercial Operations Division (NCOD), as shown in Figure 17-4, integrates the marketing and projects functions.

The Domestic Projects Department of NCOD, through a designated Project Manager, has the primary responsibility within WRD for coordination of supply of the NSSS equipment and services to the applicant. The Manager of Product Assurance, Nuclear Technology Division is assigned the responsibility for the Nuclear Commercial Operations Division product assurance program.

INSERT DESIGN ASSURANCE

Design Assurance has the central responsibility for engineering management and control of Principal Design Documentation, Design Bases Documentation and Change Control and the integration of the design documentation and design changes to ensure proper functional design impacts. It is a central point for the transmittal and receipt of technical information to and from other Water Reactor Divisions; identifies and secures necessary approvals and recommendations from appropriate NTD functional engineering organizations; it reviews and evaluates change controls and other design documentation for proper impact, completeness and consistency with established policies and standards; and it tracks and secures disposition of open items both within NTD and with other Water Reactor Divisions. Design Assurance does not affect the responsibilities of the functional engineering organizations, which retains design cognizance in their respective areas of responsibility. Additionally, Design Assurance is responsible for Product Assurance Systems and Systems Compliance.

pg 17.1-6a

7-15-80 letter from (u)

HCAP 8370 Rev. 9

2-15-80 letter from (E)

17.1.F17-2

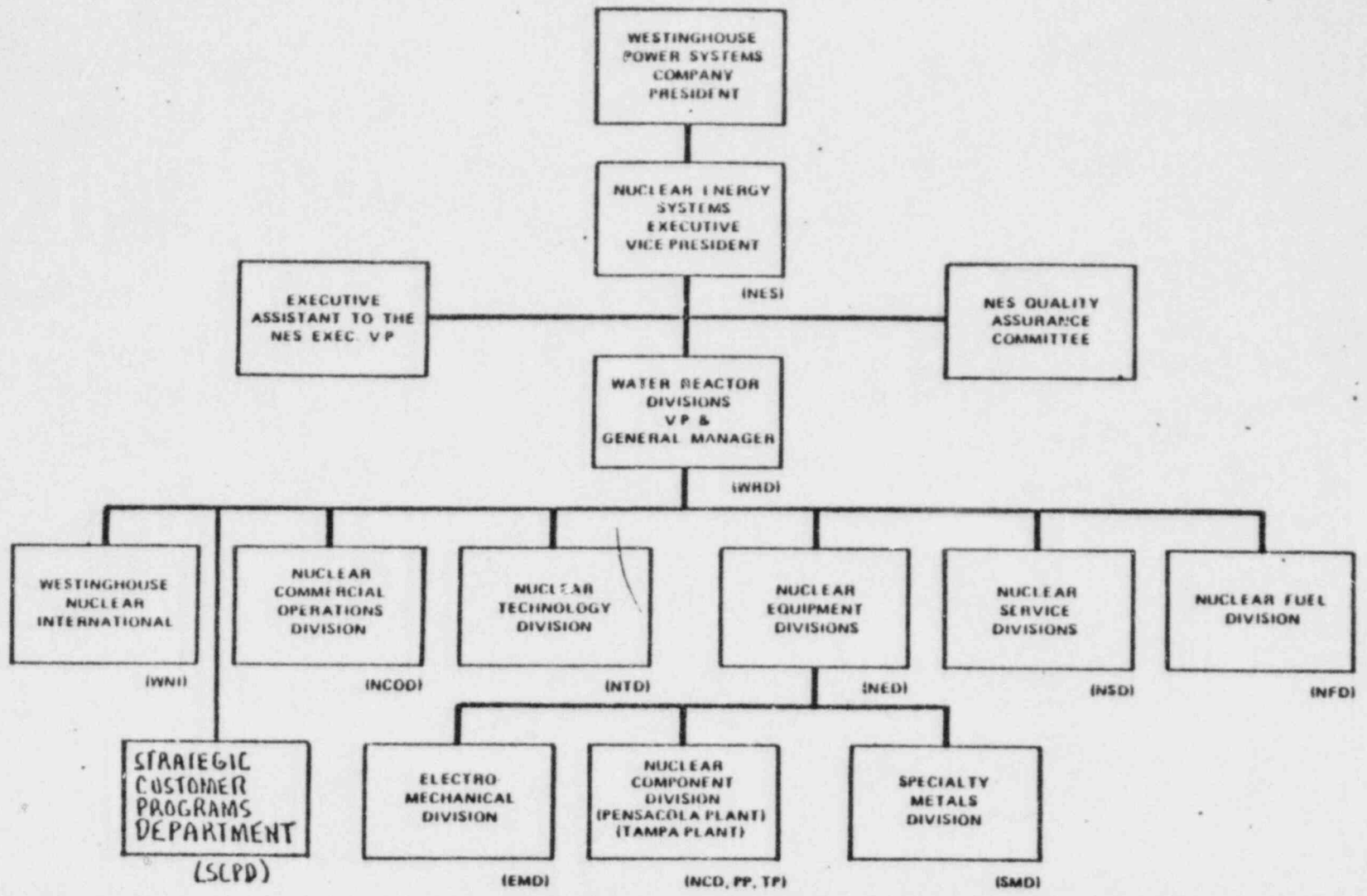


FIGURE 17-2. NUCLEAR ENERGY SYSTEMS ORGANIZATION FOR WATER REACTOR DIVISION/PLANT(S)

15040-2

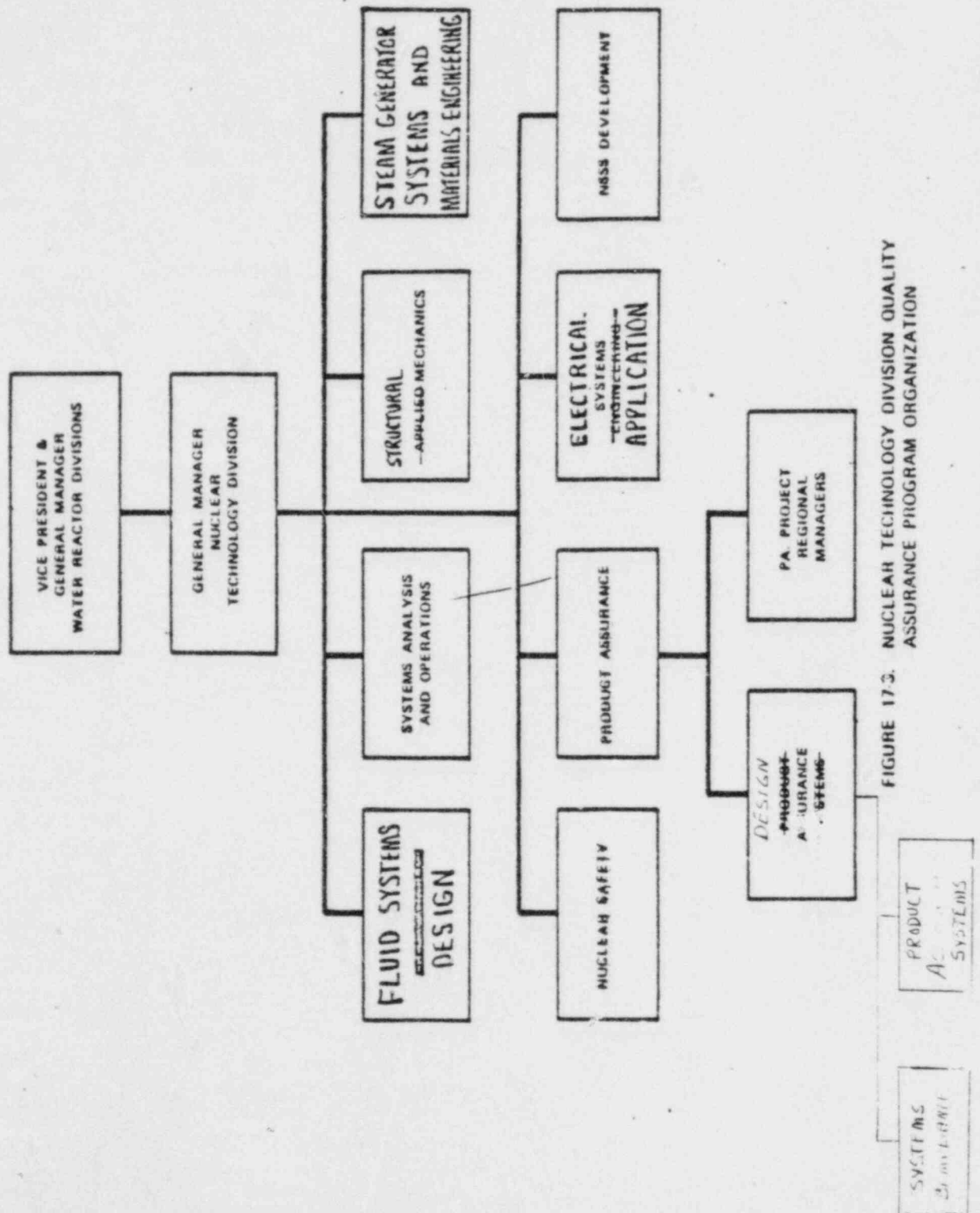


FIGURE 17.3. NUCLEAR TECHNOLOGY DIVISION QUALITY ASSURANCE PROGRAM ORGANIZATION

WCAP 8370 Rev. 9

17.1-F17.3

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7-15-80 letters from [unclear]

NCAP 5370 Rev. 9

17.1.F17.5

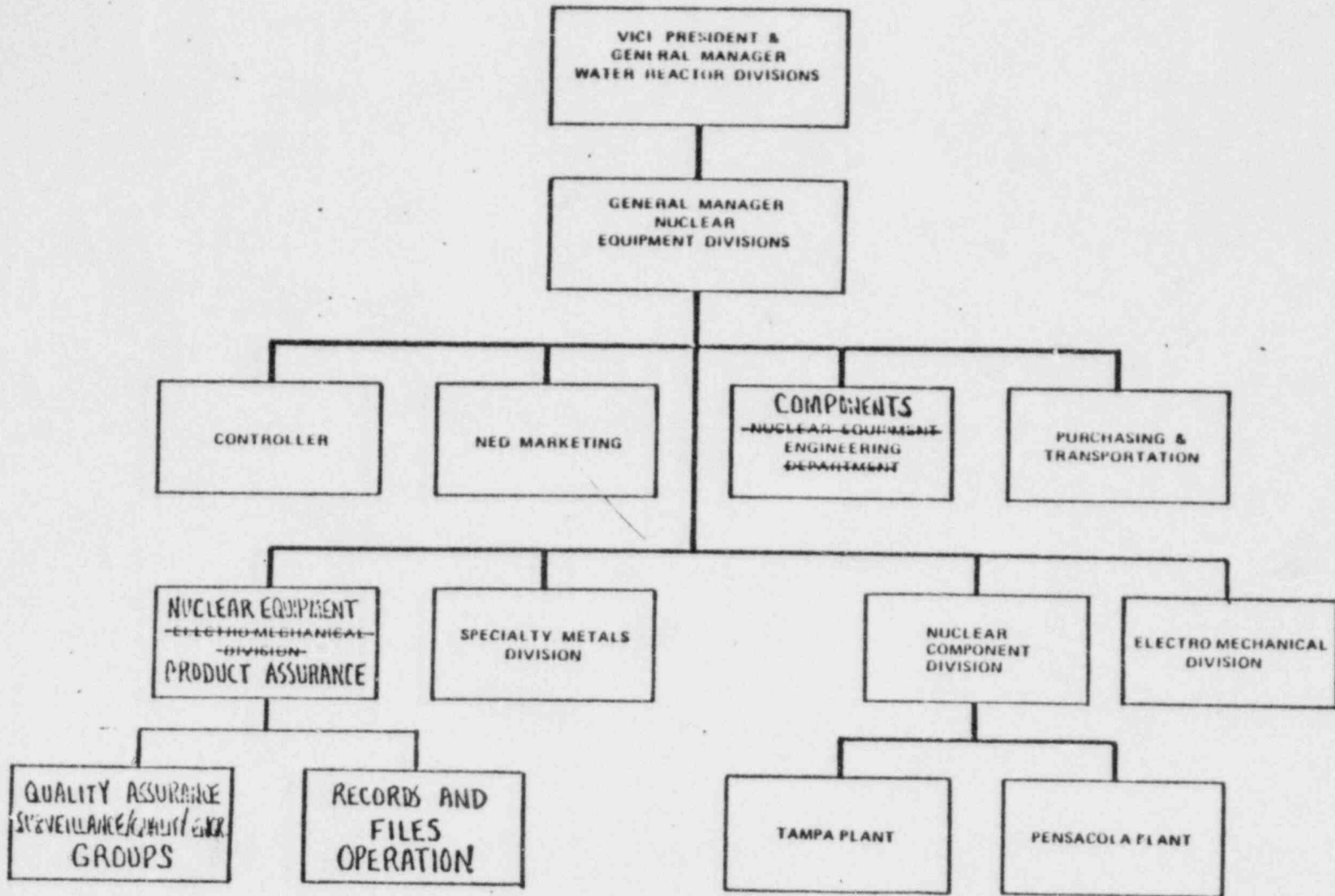


FIGURE 17.5. NUCLEAR EQUIPMENT DIVISIONS ORGANIZATION
QUALITY ASSURANCE PROGRAM ORGANIZATION

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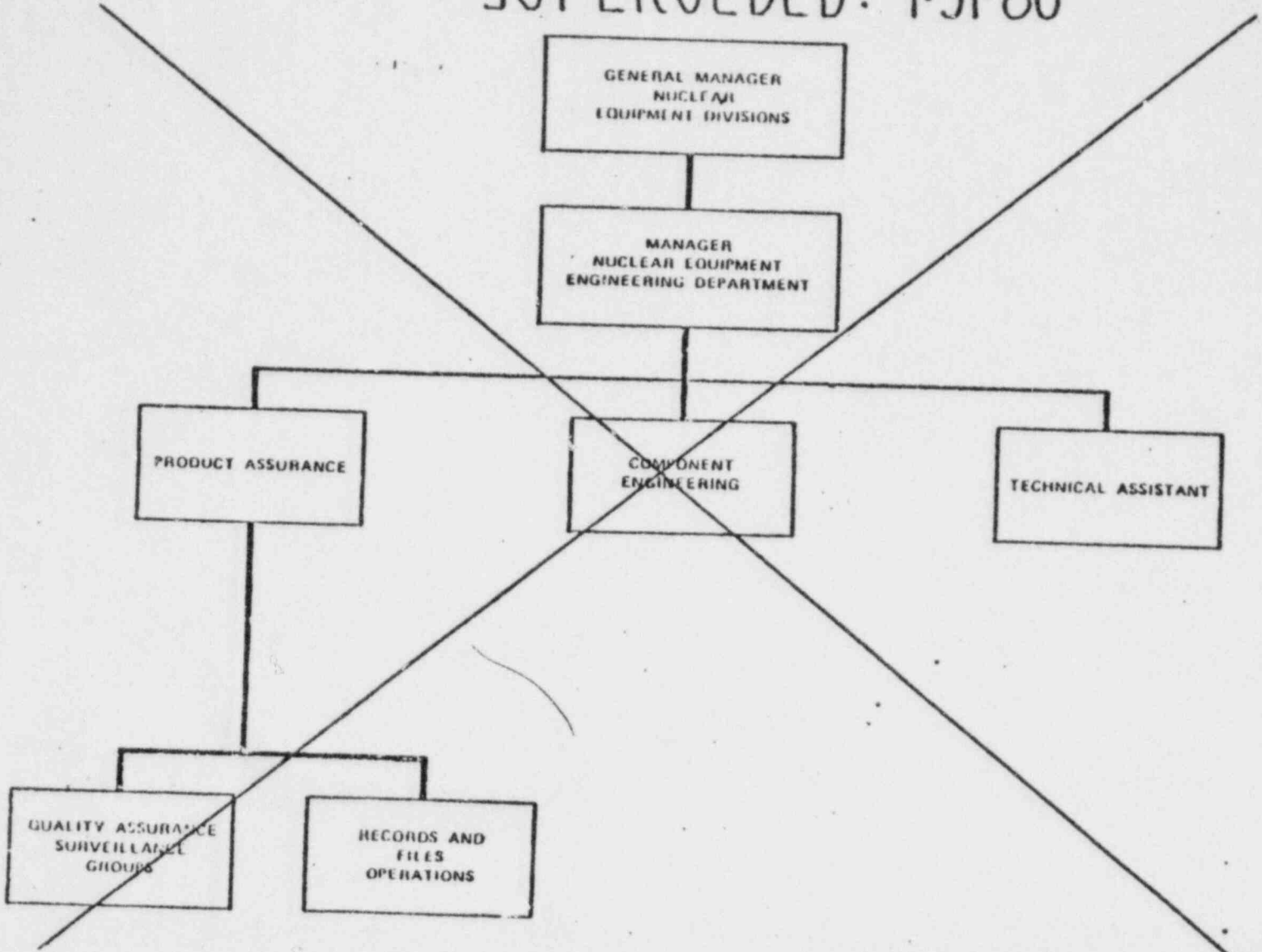


FIGURE 17-5a NUCLEAR EQUIPMENT ENGINEERING DEPARTMENT
QUALITY ASSURANCE ORGANIZATION

MCAP 837C Rev. 9
2-15-80 Letter from (u)
17.1-F17-5a