

(Notation Vote)

November 25, 1982

JECY-82-469

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For: The Commissioners

From: William J. Dircks Executive Director for Operations

Subject: PLANNED REORGANIZATION OF MCDERMOTT INCORPORATED, PARENT OF BABCOCK & WILCOX

Purpose: To obtain Commission approval of continued holding of Facility License CX-10 by Babcock & Wilcox.

POLICY

Category: Major Policy Issue.

Discussion: The reorganization of McDermott Incorporated, which is the sole owner of Babcock & Wilcox, to make McDermott a wholl; cwned subsidiary of McDermott International, a corporation organized under the laws of Panama, has been proposed. Bebcock & Wilcox holds Facility License CX-10, thus bringing up the issue of whether continued holding of that license by BSW is consistent with section 104d, of the Atomic Energy Act, which prohibits foreign ownership, control or domination of a licensed facility.

> Based upon OELD's legal research and representations made by B&W as to continued U.S. control of B&W and McDermott International, OELD has concluded, as the attached legal memorandum indicates, that B&W is qualified to continue to hold the facility license. OGC has reviewed this analysis and has expressed agreement with the conclusion reached. The conditions to be imposed in the facility license, essentially the same as those imposed in the Gulf/Royal Dutch Shell case discussed in the legal memorandum, have been agreed to by B&W. OXMSS has no objection to the continued holding by B&W of its licenses for special nuclear material, source material, or byproduct material. (Only facility licenses are subject to the foreign control and domination prohibition.)

This will be the first time an issue of "foreign domination and control" has been presented to the NRC. although the AEC considered the question on several occasions.

8712010320 821126 CF Contacts: Guy H. Cunningham, III, ELD 49-27308 Joanna M. Becker, OELD McDermott has already published notice of the reorganization in the Wall Street Journal, and has requested expedited action on the part of the Commission. It is the staff's understanding that the Department of Energy has no objection from the standpoint of section 57b. of the Atomic Energy Act of 1954, as amended, and 10 CFR Part 810, and that the Division of Naval Reactors also has no objection.

Recommendation: That the Commission:

- Approve the draft letter to Babcock & Wilcox, indicating no objection to the continued holding of Facility License CX-10, in Enclosure A.
- 2. Note:
  - a. That the appropriate Congressional committees will be notified.
  - b. That no public announcement will be issued.

Lack W Fr illiam J. Dircks

Executive Director for Operations

Enclosures:

- A. Letter from EDO to Babcock & Wilcox.
- B. Legal Memorandum on Questions of Foreign Control and Domination Raised by Planned Reorganization of McDermott Incorporated. Parent of Babcock & Wilcox.
  C. Letter from Babcock & Wilcox
- to William J. Dircks.

Commissioners' comments should be provided directly to SECY by c.o.b. 'londay, December 13, 1932.

Commission Staff Office comments, if any, should be submitted to the Commissioners <u>ALT December 6, 1932</u>, with an information copy to SECY. If the paper is of such a nature that it requires additional time for analytical review and comment, the Commissioners and the Secretariat should be apprised of when comments may be expected.

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## ENCLOSURE A

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## Enclosure A

DRAFT

Hr. John H. MacHillan Senior Vice President and Group Executive Advanced Technology Group Babcock & Wilcox 2250 Murrell Road P.O. Box 1260 Lynchburg, Virginia 24505

Dear Mr. MacMillan:

We have reviewed your letter of October 20, 1982, concerning the proposed reorganization of HcDermott which will result in Babcock & Wilcox, holder of Facility License CX-10, being wholly owned by McDermott, Incorporated (as is now the case), which will, in turn, be wholly owned by McDermott International, a corporation organized under the laws of Panama. We have concluded, on the basis of the representations in your letter and the information regarding stock ownership in the enclosure, that this proposed change would not result in a situation where Babcock & Wilcox would no longer qualify for a facility license. However, in order to ensure continuing compliance with the provision of section 104d. of the Atomic Energy Act of 1954, as amended, prohibiting foreign ownership, control or domination of a licensed facility (and as we have discussed with Mr. George Ellis and Mr. James Jones), Babcock & Wilcox's Facility License CX-10 is hereby amended to insert the following conditions:

- the president of Babcock & Wilcox, any officers of Babcock & Wilcox having direct responsibility for the control, and any employees of Babcock & Wilcox having direct custody, of special nuclear material, as defined in the Atomic Energy Act of 1954, as amended, stored, used, or produced at the CX-IO facility, shall be citizens of the United States;
- Babcock & Wilcox alone shall be responsible for the custody and control of such special nuclear material; and the officer of Babcock & Wilcox in charge of such special nuclear material shall report directly to the president of Babcock & Wilcox;
- 3. the president of Babcock & Wilcox shall be charged with the responsibility and have the exclusive authority (either acting directly or through persons designated by and reporting directly to him) of ensuring that the business and activities of Babcock & Wilcox shall at all times be conducted in a manner which shall be consistent with the protection of the common defense and security of the United States;
- the foregoing provisions shall apply to Babcock & Wilcox and any entities in which Babcock & Wilcox shall have voting control; and

- 5. the foregoing conditions will continue to be binding on Babcock & Wilcox unless amended or rescinded by the Director of the Office of Nuclear Reactor Regulation or the Director of the Office of Nuclear Material Safety and Safeguards, of the Commission, as appropriate (or the person holding any equivalent successor positions with the Commission or any agency of the United States which shall be the successor of the Commission).
- The Commission has found that:
- "A. The change in Babcock & Wilcox's parent from HcDermott Incorporated to NcDermott International is not inconsistent with the provisions of the Atomic Energy Act of 1954, as amended, and the Commission's regulations in 10 CFR Chapter I;
  - B. The change will not be inimical to the common defense and security or to the health and safety of the public;
  - C. Babcock & Wilcox continues to be qualified to be the holder of Facility License CX-10.

Since the foreign cwnership, domination and control issues raised by section 104d, of the Atomic Energy Act do not apply to materials licenses, no action to amend nuclear materials licenses will be required.

FOR THE WUCLEAR REGULATORY COMMISSION

William J. Dircks Executive Director for Operations

DESIGNATED ORIGINAL

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#### FLEASE NOTE FREVIOUS CONCURRENCES AND DISTRIBUTION LIST

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# ENCLOSURE B

Enclosure B

#### LEGAL QUESTIONS OF FOREIGN CONTROL AND DOMINATION RAISED BY PLANNED REORGANIZATION OF MC DERIOTT, INCORPORATED, PARENT OF BABCOCK & WILCOX

#### A. Proposed Reorganization of Mc Dermott, Inc.

The Babcock & Wilcox Company ("B&W"), a Delaware corporation, is a wholly owned subsidiary of McDermott Incorporated ("McDermott"), a Delaware corporation. McDermott International, Inc., a Panamanian corporation, ("McDermott International") is also a wholly owned subsidiary of McDermott. It is planned that the shareholders of McDermott will exchange their existing shares for shares in McDermott International, and the result will be that McDermott will become a subsidiary of McDermott International.

B&W holds facility license CX-10 for a critical experiment facility at Lynchburg Research Center, six special nuclear material licenses (SNM-42, 778, 1168, 30, 145 and 414, one source material license, SUB-1259 and four byproduct material licenses.

McDermott asserts that under the planned reorganization:

- B&W will continue to have the same Board of Directors, all of whom are U.S. citizens.
- Baw will continue to be managed by the same officers all of whom are U.S. citizens.
- Baw will continue to own and operate U.S. facilities in such a manner as to insure compliance with all contractual commitments and regulatory requirements.
- -- BBW will continue to operate its facilities with the same personnel who are currently operating these facilities.
- Baw will continue to be a Delaware corporation with its principal place of business at 1010 Common Street, New Orleans, Louisiana.
- B&W will continue to be a wholly owned subsidiary of NcDermott.
- -- McDermott will continue to be a Delaware corporation with its principal place of business at 1010 Common Street, New Orleans, Louisiana.

- -- The current Board of Directors of HcDermott, all of whom are U.S. citizens, will become the Board of Directors of HcDermott International.
- -- The Board of Directors of McDermott will probably be reduced to three members (from fourteen currently) and the new Board of Directors of McDermott will be elected from among the current Directors all of whom are U.S. citizens.
- -- The principal officers of McDermott, all of whom are U.S. citizens will become the principal officers of McDermott International.
- Application will be made to list the stock of HcDermott International on the New York Stock Exchange.
- -- McDermott International, which was incorporated in Panama in 1959, has no significant assets in Panama and no control or influence is exercised by the Panamanian government over the internal management of the Company. No change in this condition is anticipated as a result of the restructuring.
- -- The shareholder composition of McDermott International is expected to be the same as that of HcDermott today (see analysis of stock ownership in pages from McDermott Fact Book for FY 03/31/82, Attachment A).

The only change which will result from this planned reorganization is that the currently existing roles of parent and subsidiary which exist between McDermott and McDermott International will be reversed. The only impact upon B&W is that while B&W will remain a wholly owned subsidiary of NcDermott, its ultimate parent will be McDermott International.

#### B. Statutory Provisions Pertaining to Ownership and Control of Facilities

Section 103d. of the Act provides, in pertinent part:

"No license [for a commercial production or utilization facility] may be issued to an alien or any corporation or other entity if the Commission knows or has reason to believe it is owned, controlled or dominated by an alien, a foreign corporation, or a foreign government. In any event, no license may be issued to any person within the United States if, in the opinion of the Commission, the issuance of a license to such person would be inimical to the common defense and security or to the health and safety of the public.

Section 104d., pertaining to licenses for research and development facilities, provides, in pertinent part:

"No "franse may be issued to any corporation or other entity if the Commission knows or has reason to believe it is owned, controlled or dominated by an alien, a foreign corporation or a foreign government. In any event, no license may be issued to any person within the United States if, in the opinion of the Commission, the issuance of a license to such person would be inimical to the common defense and security or to the health and safety of the public."

Section 186 of the Act provides, in pertinent part:

"a. Any license may be revoked for any material false statement in the application or any statement of fact required under section 182, or because of conditions revealed by such application or statement of fact or any report, record, or inspection or other means which would warrant the Cormission to refuse to grant a license on an original application, or for failure to construct or operate a facility in accordance with the terms of the construction permit or license or the technical specifications in the application, or for violation of, or failure to observe any of the terms and provisions of this Act or of any regulation of the Commission." (Emphasis added.)

#### C. Discussion

In the absence of criteria in sections 103d, and 104d, for determining "ownership", "control" or "domination", the legislative history of those sections and cases construing the provisions have been examined.

It appears that earlier drafts of the bill that eventually was enacted as the Atomic Energy Act of 1954 would have prohibited the issuance of licenses to a corporation or association owned or controlled by a foreign corporation or government, or if more than 5 percent of the voting stock was owned by aliens, or if any officer, director, or trustee was not a citizen of the United States.— After objection on the grounds that other statutes permitted a higher percentage of alien ownership (20-25%), that many stockholders, for reasons of convenience, leave their securities in the names of brokers or nominees or in street names and thus the real ownership may not often be easily known, and that there are no feasible means by which a corporation could prevent 5 percent of its stock from being purchased by aliens,— the final version of the provision was passed substantially in its present form. The Conference Reports do not reveal Congress' express reason for changing the proposed version and there seems to have been no debate on the provision.

1/ H.R. 8062, April 15, 1954; S. 3323, April 19, 1954.

2/ Legislative History of the Atomic Energy Act, p. 1698, 1961-2.

The first Atomic Energy Commission decision construing the foreign control or domination provision of sections 103d. and 104d. was <u>In the Hatter of</u> <u>General Electric Company and Southwest Atomic Energy Associates</u> (the SEFOR case).— That case involved a construction permit application filed by General Electric Company and Southwest Atomic Energy Associates (SAEA), an association of utility companies organized under Arkansas law. Pursuant to a contract between the Commission and SAEA, a program for construction and operation of the SEFOR test reactor for research and development as part of the AEC fast breeder reactor program was to be conducted.

Under a separate contract between SAEA and Gesellschaft fur Kernfurschung (GFK), a non-profit association formed under the laws of the Federal Republic and in part by the land (State) of Baden - Wurttemberg, GFK agreed to contribute 50 percent of the costs of construction of the SEFOR reactor. Under the contract, GFK was entitled to participation in the project review and technical policy committees with SAEA and GE respectively, and SAEA was required to consult with GFK on all matters of policy and questions affecting costs. Furthermore, GFK was entitled to designate scientists and engineers to participate in the design and construction of the reactor and the conduct of the program, subject to approval and direction of GE. GFK did not own any stock in GE or SAEA or any legal interest in the physical assets of the project. Other contracts between SAEA and GE provided for construction and conduct of the research program.

In a supplemental initial decision, the atomic safety and licensing board rescinded a provisional construction permit that had been conditionally granted, because the project was found to be significantly and substantially under the control and domination of GIK.

The Atomic Energy Commission reversed, reinstating the construction permit. In its decision the Commission said (p. 101):

"In context with the other provisions of Section 104(d), the limitation should be given an orientation toward safeguarding the national defense and security. We believe that the words 'owned, controlled, or dominated' refer to relationships where the will of one party is subjugated to the will of another, and that the Congressional intent was to prohibit such relationships where an alien has the power to direct the actions of the licensee.

The board erred in failing to take into consideration the many aspects of corporate existence and activity in which control or domination by another would normally be manifested in giving undue significance

3/ 3 AEC 99 (1966).

to the voice and influence afforded contractually to Gesellschaft in the matters of participation in project planning and review of program execution. The ability to restrict or inhibit compliance with the security and other relations of AEC, and the capacity to control the use of nuclear fuel and to dispose of special nuclear material generated in the reactor, would be of greatest significance."

The Commission went on to note that GFK had no legal ownership or interest in the physical assets of the SEFOR project, no voice in the financial affairs of the applicants and no power to restrict compliance with the safety and security requirements of the Commission. It concluded (p.102):

"We believe that the board failed to give proper consideration to the provisions of the contracts other than the SAEA-Gesellschaft contract in reaching the finding of alien domination. The effect of those contracts is to retain positive control of the project in the Commission and in General Electric Company, and it is provided that nothing in them is intended to confer upon Gesellschaft any measure of control over SEFOR or the related research and development program."

The rationale of the SEFOR case was reaffirmed in the Zion case. ${}^{4\prime}$ 

The subsequent case of the Gulf-Royal Dutch/Shell partnersh.p resulting in the creation of General Atomic Company involved more complicated considerations.

By an agreement dated November 19, 1973, Gulf Oil Corporation ("Gulf") and Royal Dutch/Shell entered into a joint venture in the nuclear energy and related fields to conduct the business presently conducted by Gulf Energy and Environmental Systems Company, Gulf General Atomic Company and Gulf Environmental Systems Company, divisions of Gulf. The joint venture took the form of two partnerships, both situated in the United States, one to conduct the U.S. business of the joint venture. The partnership conducting the U.S. business was organized under the California Uniform Partnership Act, owned 50/50 by Gulf and Scallop Nuclear, Inc., a Delaware corporation whose shares were owned by Scallop Holding, Inc., whose shares in turn were owned by Shell Petroleum N.V., a Netherlands company which was owned 40% by Shell Transport and Trading, a British group and 60% by Royal Dutch Petroleum, a Dutch group.

Gulf proposed to transfer to the U.S. partnership its interests in and rights under various AEC facility licenses issued under Section 104 of the

<sup>4/</sup> In the Matter of Commonwealth Edison Company, (Zion Station, Joits 1 nuc 1); 4 AEC 231, April 9, 1969.

Act, including itenses for (1) three TRIGA reactors (2) the Barnwell nuclear fuel reprocessing plant then being constructed at Barnwell, South Carolina, by Allied Chemical Products, Inc., and (3) the export of certain reactor components required for a TRIGA reactor to be constructed in Romania. Gulf applied to the Atomic Energy Commission for the transfer of these licenses to the U.S. partnership. Gulf had also acquired 100% of the stock of the Gulf United Huclear Fuels Corporation ("Gulf United"), formerly owned 57% by Gulf and 43% by United Nuclear Corporation, liquidated such corporation into Gulf, and proposed to transfer to the U.S. partnership two research reactors then held by Gulf United (either through the parent corporation, Gulf, or directly to the partnership).

The property, including the physical assets of Gulf Energy, Gulf General Atomic, and Gulf Environmental Systems, was also to be transferred to the U.S. partnership. The contribution of Scallop, the Delaware corporation set up by the Royal Dutch/Shell Group to enter into the joint venture, was to be primarily in the form of money.

Since the U.S. partnership would be 50% owned by Scallop, a company of the Royal Dutch/Shell Group, a foreign "group", questions arose as to whether the partnership to which the Gulf licenses would be transferred would be owned, controlled or dominated by an alien or a foreign corporation.

The AEC approved the transfer, in a letter dated December 14, 1973 from the Director of Regulation to General Atomic Company. The approval was subject to certain conditions:

- the president and any officers of the partnership having direct responsibility for the control, and any employees having direct custody of, special nuclear material must be U.S. citizens.
- (2) a separate department of General Atomic must be responsible for special nuclear material, and the head of the department must report directly to the president.
- (3) the president shall be charged with the responsibility and exclusive authority of ensuring that the business and activities of the partnership are at all times conducted in a manner consistent with the protection of the common defense and security of the United States.
- (4) the foregoing conditions apply to the partnership and any entities in which the partnership shall have voting control.
- (5) General Atomic will not change any of the foregoing conditions without approval of the Director of Regulation of the AEC or of the person holding any equivalent successor position with the Commission or its successor.

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Subsequently, a foreign domination and control question arose in connection with the proposed acquisition of a research reactor owned by a New Jersey corporation by HLR Radiopharmaceutical (HLRR), a wholly-owned subsidiary of Hoffmann-LaRoche, Inc. (HLR), also a Delaware corporation. However, all stock in HLR was owned by Curacao Pharmholding, N.V., a foreign corporation, and all stock in that concern was owned by Sapec Corporation Ltd., a New Brunswick, Canada corporation, with a principal place of business in Hontevideo, Uruguay. The stock of that company, in turn, was controlled by Hoffmann-LaRoche & Company, Ltd., a Swiss corporation.

It was argued by counsel for HLRR that the corporate veil should not be pierced to the foreign-dominated holding company. However, the AEC staff advised counsel for HLRR that the staff would oppose the transfer, on the basis of the section 104d. prohibition against issuance of a license to an entity owned, controlled or dominated by an alien, foreign corporation or foreign government. No letter or other writing was sent to HLRR concerning the matter. However, a letter dated March 17, 1975 to Senator Williams of New Jersey in response to his letter inquiring into the matter, confirmed this conclusion.

It appears that the foregoing "foreign control or domination" situations discussed above are not on all fours with the instant proposal. The <u>Gulf-Shell</u> case and the <u>Hoffmann-LaRoche</u> case both involved the transfer of a license to another that ultimately was controlled by aliens. (In the Gulf-Shell case, since the recipient of the licenses, General Atomic, was a general partnership, the foreign-controlled partner, Scallop Nuclear, could dispose of all of the property of the partnership and thus have the potential for 100% control.) The <u>SEFOR</u> case involved the issuance of a license to U.S. companies in a project involving foreign participation. In the planned reorganization of HcDermott, Inc., no change in the B&W facility licensee, a U.S. corporation, would be needed or contemplated. However, the reorganization would result in the ultimate parent of B&W being a foreign corporation, giving rise to the question of whether the B&W facility license should be permitted to retain its facility license.

While the text of section 104d. raises the question of the continued eligibility of BBW to hold a facility license, the facts of the reorganization of McDermott, when read with the rationale of the AEC's decision in the SEFOR case, can lead to a conclusion that BBW remains eligible to hold its facility license.

It is a general legal principle that in terms of foreign relations law, a corporation or other private legal entity has the nationality of the state which creates it. Restatement of the Law, Foreign Relations Law of the United States, 2d. Ed., § 27; Borchard, The Diplomatic Protection of Citizens Abroad, §§ 23, 278. Thus, the parent corporation of FicDermott would be regarded as a foreign corporation. It could be argued that, therefore, the BaW license should be revoked because BaW is controlled by a foreign corporation.

However, other legal principles support the proposition that the fact of foreign incorporation does not preclude the application of the laws of the state in which a foreign corporation is doing business, if the persons who own or control it are nationals of a different state. Comment d. of § 27 of the <u>Restatement of the Foreign Relations Law of the United States</u> states as follows:

"d. <u>Corporation owned or controlled by nationals of</u> <u>another state</u>. When the nationality of a corporation is different from the nationality of the persons (individual or corporate) who own or control it, the state of the nationality of such persons has jurisdiction to prescribe, and to enforce in its territory, rules of law governing their conduct. It is thus in a position to control the conduct of the corporation even though it does not have jurisdiction to prescribe rules directly applicable to the corporation."

Borchard states, on p. 42 of his work referred to above, that:

"At the present day, practically all states recognize the civil capacity of foreign corporations as they do that of natural persons. With the growth of commerce, local limitations on functional capacity are gradually being removed, either by statute or treaty, those that still exist being dictated by interests of public policy. Foreign corporations, like aliens generally, are subject to local regulations of registration and other provisions of penal and police laws."

Thus, it may be argued that the foreign incorporation of the parent of B&W is, at least at the outset, no bar to the continuation of the B&W facility license.

This view is consistent with the decision of the AEC in the <u>SEFOR</u> case. As the AEC stressed in its opinion, the limitation in section 104d, should be given an orientation toward safeguarding the national defense and security. However, it should be noted that the situation presented in the <u>SEFOR</u> case was one of foreign financial participation in the financing of a reactor and benefits of the information obtained therefrom wherein the licensees would be U.S. corporations. The AEC stressed, as noted above, that the words "owned, controlled or dominated" refer to relationships where the will of one party is subjugated to the will of another, and that the Congressional intent was to prohibit such relationships where an alien has the power to direct the actions of the licensee.

However, the language of the AEC in the <u>Commonwealth Edison</u> case, <u>supra</u>, note 4, is pertinent. In that case, the Atomic Safety and Licensing Board certified to the Commission the following question (4 NRC 231):

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"Need a rule be promulgated by the Commission consistent with the requirements of Section 104d of the Atomic Energy Act, as amended, to specify the method for presentation of evidence by an applicant to prove that it is not owned, controlled, or dominated by an alien, a foreign corporation, or a foreign government?"

The AEC said (p. 233):

"If a domestic public utility corporation were subject to alien direction, we think it reasonable to expect that there would be manifestations of this in the corporate organization and management; and, further, that there would be recognition of such circumstances by those corporate officers who must furnish the Commission with the sworn information prescribed by Section 50.33.

We would consider it unnecessary, unreasonable and inconsistent with the legislative intent to require an applicant to furnish conclusive proof of the negative where there is no record evidence, taking due account of the requirements of Section 50.33, which would provide a basis for a finding of alien ownership, domination or control."

Although the language in the <u>SEFOR</u> and <u>Commonwealth Edison</u> cases tying the foreign control and domination prohibition to safeguarding the common defense and security support the view that 88W may continue to hold its facility license, it might be prudent to impose conditions on the licensee similar to those imposed on General Atomic in the Gulf-Shell case to prevent domination of General Atomic by the foreign partner in matters pertaining to the common defense and security. That case is particularly pertinent in that the successor company, being a general partnership, could as a matter of law, be completely controlled by the foreign partner, Scallop Nuclear.

The AEC's position in the Hoffmann-LaRoche case described above may be difficult to distinguish, in that the Commission there rejected an application to transfer a facility license to a corporation whose parent was apparently 100 percent owned by Swiss nationals. However, McDermott International is a corporation whose stock is largely owned by U.S. citizens, as laid out in the pages from the Fact Book in Attachment A, and whose management is composed of U.S. citizens. The only nexus with the foreign government is the fact of incorporation there. Further, changes of ownership of stock of more than 5% are required to be reported to the Securities and Exchange Commission. 15 U.S.C. 78m.

There are few provisions similar to sections 103d. and 104d. in other regulatory statutes. The most pertinent is that in the Federal Communi-cations Act, 47 USC 310, on which the first draft of sections 103d. and

104d. was based. Section 310 provides, in pertinent part, that a broadcast station license shall not be granted to or held by (1) an alien or representative of an alien; (2) a foreign government or representative thereof; (3) any corporation organized under the laws of any foreign government; (4) any corporation of which any officer or director is an alien or of which more than one-fifth of the capital stock is owned or voted by aliens, their representatives, a foreign government or a representative thereof, or any corporation organized under the law of a foreign country; or (5) any corporation directly or indirectly controlled by any other corporation of which any officer or more than one-fourth of the directors are aliens, or of which more than one-fourth of the capital stock is owned of record or voted, after June 1, 1935, by aliens, their representatives, a foreign government or representative thereof or any corporation organized under the laws of a foreign country, if the FCC finds that the public interest will be served by the refusal or revocation of such license.

Noe v. Federal Communications Commission, 260 F.2d 739 (D.C. Cir., 1958) involved a contested application for a television station by Loyola University, which is run by the Jesuits. The competing applicant argued that Loyola University (in New Orleans) was controlled by the foreign head of the Society of Jesus, through his appointing power, and that Loyola's application was therefore barred by section 310. The record showed a lack of any actual control. The court stated (pp. 741-742):

> "From this legislative history we may conclude that although Section 310(a) was directed against alien control of our communications facilities, this limitation was primarily based 'upon the idea of preventing alien activities against the Government during the time of war.' 68 Cong. Rec. 3037 (1927). The relationship of Loyola to the Society of Jesus hardly seems to endanger our national security. Certainly the mere fact that the Rector is appointed by an ecclesiastical superior who is an alien is not enough to bring Loyola within the interdiction of the cited statute.

[1] We recognize that the Society of Jesus is an hierarchical organization, and that within the organization some power and control is vested in persons who are not directly a part of the University or the corporation, and a few of whom reside abroad. But the record shows that this hierarchical chain of authority - which extends from the Superior General in Rome to the Provincial Superior and the Rector, and in some rare situations might include the Pope has never been used in the past to impinge upon the independence of the University in the operation of its radio station. Under all the circumstances, even if Section 310(a) be thought to have a semblance of relevance to the present case. it nevertheless would be inapplicable since it was incorporated in the Communications Act to 'guard against alien control.' S.Rep.No. 781, 73d Cong., 2d Sess. 7 (1934). In sum, therefore, we find nothing in the legislative history of the statutory provisions, or in the record of the present case, which would require us to overrule the Commission's rejection of Noe's argument. Loyola seems to us to fall neither within the letter nor the spirit of the statute."

However, the court added (p. 742):

. . . . .

"We note that the chain of authority within the Society of Jesus, described above, is primarily an ecclesiastical one, though it includes the power to appoint and promote. This latter power, in business organizations, might perhaps require all persons in positions of comparable appointing authority to be considered as principals in an application for a TV license, although that issue is not now before us."

#### D. <u>Statutory Provisions Pertaining to Ownership and Control of</u> Enterprises Licensed to Possess or Use Nuclear Material

The question of foreign participation in enterprises holding licenses to possess or use nuclear material is much simpler, since there is no statutory prohibition against foreign control or domination.

Thus section 57c.(2) of the Act provides that:

"The Commission shall not distribute any special nuclear material or issue a license pursuant to section 53 to any person within the United States if the Commission finds that the distribution of such special nuclear material or the issuance of such license would be inimical to the common defense and security and would constitute an unreasonable risk to the health and safety of the public."

Section 184 of the Act provides, in pertinent part:

"No license granted hereunder and no right to utilize or produce special nuclear material granted thereby shall be transferred, assigned, or in any manner disposed of, either voluntarily or involuntarily, directly or indirectly, through transfer of control of any license to any person, unless the Commission shall, after securing full information, find that the transfer is in accordance with the provisions of this Act, and shall give its consent in writing."

Section 69 of the Act contains a provision similar to section 57c(2) applicable to source material licenses. There is no goulvalent provision of the Act applicable to byproduct material licenses. As noted, the provisions of section 184 on transfer or licenses are applicable to all licenses.

Thus, it appears that there is no absolute prohibition on the issuance, holding, or transfer of materials licenses to an alien or to a foreign corporation or other foreign entity. The only question would be whether the degree of control or domination would be inimical to the common defense and security or an unreasonable risk to the health and safety of the public.

#### E. Conclusion

The proposed reorganization of McDermott, Inc. to make the parent corporation one incorporated in a foreign country creates legal problems as to the continued holding of a facility license by Babcock & Wilcox, a McDermott subsidiary, in view of the prohibition against foreign ownership

5/ Senate Report (No. 1699 on 5. 3690 and House Report No. 2181 on H.R. 9757 (83d Cong., 2d Sess., 1954) stated:

"Section 81: This section permits the Commission to distribute and permit other persons producing byproduct materials to distribute such material to licensees of the Commission who will abide by Commission regulations on the use of those materials, the regulations having been imposed to protect the common defense and security and the health and safety of the public."

Legislative History of the Atomic Energy Act of 1954. 766-7, 1014-15 (1955).

The Commission has specified that it may incorporate conditions appropriate or necessary to promote the common defense and security in byproduct material licenses in 10 CFR 30.34. and control in section 104d. of the Act. However, a reasonable argument can be made, based upon the management of the foreign corporation, the distribution of stock ownership, and the possible imposition of conditions on B&W, that the arrangement would not violate the section 104d. prohibition. This conclusion is limited to the questions raised under section 104d., 57c.(2), 69 and 81 of the Act. Questions related to section 57b. of the Act and 10 CFR 810 relating to technology transfer are within the jurisdiction of the Department of Energy and questions related to access to classified information in the work for the naval reactors program fall within the jurisdiction of either DOE or the Department of Defense.

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# ENCLOSURE C

## Enclosure C

# **Babcock & Wilcox**

a McDermott company

Advanced Technology Group

2250 Murrell Road P.O. Box 1260 Lynchburg, Virginia 24505 (804) 385-3357

October 20, 1982

Mr. William J. Dircks Executive Director for Operations U.S. Nuclear Regulatory Commission Washington, D.C. 20555

#### Facilities License CX-10

Dear Mr. Dircks:

Re:

This letter will confirm the information on the proposed reorganization of McDermott which Mr. Ellis and I provided to you, Harold Denton, and Guy Cunningham during our meeting in Bethesda on October 13, 1982, and provide certain additional information which was requested by Guy Cunningham at a subsequent meeting.

The Babcock & Wilcox Company ("B&W") is the named licensee on Facilities License CX-10. This license permits certain low power experiments at B&W's Critical Experiment Laboratory which is located at B&W's Lynchburg Research Center, Lynchburg, Virginia. B&W is also the licensee of 12 materials licenses, noted on Attachment A to this letter.

B&W, a Delaware corporation, is a wholly owned subsidiary of McDermott Incorporated, a Delaware corporation ("McDermott"). McDermott International Inc., ("McDermott International"), is also a wholly owned subsidiary of McDermott, organized in 1959 under the laws of the Republic of Panama. McDermott intends to reorganize by converting its stock held by its existing shareholders into stock of McDermott International, with the result that the positions of parent and subsidiary will be reversed.

Application will be made to list the stock of McDermott International on the New York Stock Exchange and the stock of McDermott International will be subject to U.S. securities regulations. In addition, the restructuring will require review by the Securities and Exchange Commission ("SEC"). The proxy statement was submitted to the SEC on October 15, 1982, and its terms will be communicated to the shareholders approximately 30 days later. It is currently planned that the reorganization will be completed by the end of the year or shortly thereafter.

#### Babcock & Wilcox

Mr. William J. Dircks

#### October 20, 1982

After the reorganization, McDermott International will be the ultimate parent to B&W. It will share essential attributes of a domestic corporation and will not itself be foreign owned, controlled or dominated. Thus, after the reorganization, the Directors of McDermott International will be the same United States citizens who direct McDermott today. In addition, the principal officers (Chief Executive Officer; Executive Vice President and Chief Financial and Administrative Officer; Vice President, General Counsel and Corporate Secretary; and Treasurer) of McDermott International will be the same United States citizens who manage McDermott as its principal officers today. McDermott International has no significant assets in Panama and no control or influence is exercised by that government over the internal management of the company. No change in this condition is anticipated as a result of the restructuring. Finally, the shareholder composition of McDermott International is expected to be the same as that of McDermott today.

McDermott's analysis of stock ownership as contained in its Fact Book for the Fiscal Year ended March 31, 1982 (attached) shows that McDermott has issued and outstanding approximately 37 million shares of common stock of which fewer than 100,000 shares, or 1% of the outstanding shares, are held of record by shareholders with other than United States addresses. McDermott also has issued and outstanding two classes of preferred stock comprising approximately 12 million shares of which fewer than 20,000 shares are held by shareholders of record having other than United States addresses. No change in the makeup of this current shareholder community is expected as a result of the reorganization.

In summary, the reorganization will not move ultimate ownership of McDermott outside of the United States, nor will it result in the placement of any non-U.S. citizen in the corporate structure as either a director or a principal officer of either McDermott or its parent. It will only insert in the chain of ownership a corporation incorporated abroad but with the stock owned primarily by the same U.S. public which owns McDermott today.

The reorganization will also not affect the conduct of B&W's operations. The Directors, officers and employees of B&W will remain the same as they are today. B&W will continue to own and operate U.S. facilities in such a manner as to insure compliance with all contractual and regulatory requirements

## Babcock & Wilcox

Mr. William J. Dircks

including those relating to materials accountability and facility security requirements. B&W and McDermott will continue to be incorporated in Delaware with their principal place of business at 1010 Common Street, New Orleans, Louisiana. The only impact upon B&W is that while B&W will remain a wholly owned subsidiary of McDermott, its ultimate parent will be McDermott International.

We are aware that the Atomic Energy Act prohibits the Nuclear Regulatory Commission from issuing a facility license to a corporation under foreign cwnership, control or domination. There is no similar statutory prohibition with regard to materials licenses. Ultimate ownership of B&W is expected to be in the same stockholders who own McDermott today, and the ultimate parent corporation of BSW is not itself under foreign ownership, control or domination. No change in management, reporting relationships, officers, directors, security safeguards or methods of operation is to result from the reorganization which would affect BfW's licenses. BfW has met and will continue to meet all statutory and regulatory requirements necessary to permit the continuance of these licenses. We do not believe that the circumstances resulting from this reorganization will result in a transfer of control such is would require amendment to either the facilities license or the materials licenses issued to B&W.

We would appreciate a formal response on behalf of the Nuclear Regulatory Commission confirming that no change in B&W's licenses will result from reorganization as described.

We request that the information contained in this letter be treated in confidence until such time as our plans are publicly announced.

Sincerely yours,

The Babcock & Wilcox Company

DNU IN

John H. MacMillan Senior Vice President and Group Executive Advanced Technology Group

JHM/mjc

- 2 Attachments:
  - Materials Licenses List
  - Fact Book

cc: w/Attachments
 G. H. Cunningham - NRC

## Attachment A

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Babcock & Wilcox Nuclear Licenses

# I. Licenses

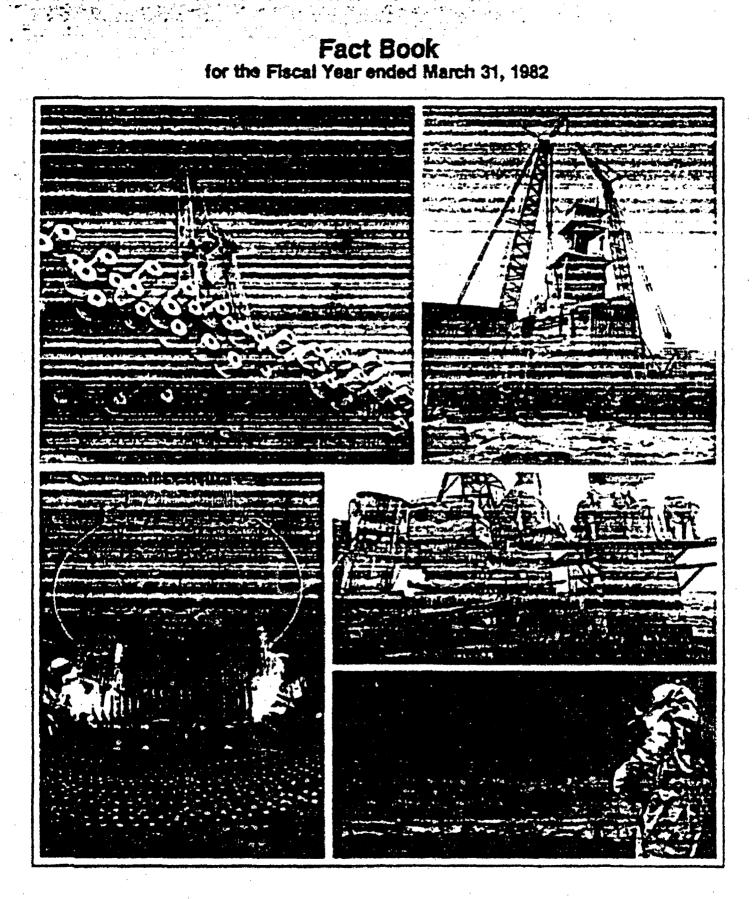
A. Materials

destanting descriptions			
1.	SNM-42	High Enriched	Naval Nuclear Fuel Division Facility
2.	45-00105-04	By-Product	Naval Nuclear Fuel Division Facility
3.	5NM-778	High Enriched	Lynchburg Research Center
4.	SNM-1168	Low Enriched	Commercial Nuclear Fuel Plant
5.	34-03043-03	By-Product	Alliance Research Center
6.	SNM- 30	High Enriched	Alliance Research Center
7.	SUB-1259	Source Material	Alliance Research Center
8.	SNM-145	High Enriched	λροllo
9.	SNM-414	High Enriched	Apollo
10.	34-02160-03	By-Product	Barberton
11.	34-02160-04	By-Product	B&W Construction (X-raying welded material)
12.	34-13454-01	By-Product	Canton

# B. <u>Facilities</u>

CX-10

Critical Experiment Lynchburg Research Center Facility



McDermott

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The McDermott Incorporated 1988 Fact Book is designed to provide information with which the reader can gain a greater understanding of the Company. The book should be used as a supplement to the Annual Report, Form 10-K and the Corporate Profile. A History of McDermott Incorporated

Founded by R. Thomas McDermott and named for his father, McDermott Incorporated began in the east Texas oilfields in 1923 as a contracting firm specializing in the construction of wooden drilling rigs. By 1946 when it was reorganized and incorporated in Delaware, the Company had grown into a number of businesses engaged in providing services to the oil and gas industry.

McDermott was a pioneer in affshore platform and pipeline construction in the Guif of Mexico. Today, the services of McDermott and its subsidiaries include the design, engineering, fabrication, and installation of fixed offshore platforms, pipelines, and other facilities for development drilling and production operations in all major oil and gas producing areas of the world. McDermott does not conduct exploratory or drilling operations, but provides a broad range of services to the industry.

The Company also provides engineering and construction services for oil and gas production in shoreline and marshland areas, and operates three shipyards in Louisiana and Mississippi for the construction, repair, and maintenance of tugboats, barges, and other small vessels.

In 1978, McDermott acquired The Babcock & Wilcox Company, a leader in the design and manufacture of steam generating and associated equipment. It also designs and manufactures aircooled heat exchangers, specialty steel tubing, and refractories.

To more accurately reflect the growing scope of the Company's business, the name was changed in 1980 from J. Ray McDermott & Co., Inc. to McDermott Incorporated.

#### McDermott Marine Construction

McDermott Marine Construction is one of the three financial reporting segments of McDermott Incorporated. It is a leader in the design, fabrication, and installation of fixed offshore platforms for development drilling and production, and the installation of marine pipelines for the transportation of oil and gas. It operates yards all over the world for the fabrication of offshore structures and three shipvards for the construction of large-horsepower tugboats, packaged drilling rigs, dredges, oceanographic research vessels. and ocean-going work boats. McDermott Marine Construction also performs dredging and inland construction work.

The company operates one of the largest fleets of marine equipment used in offshore construction, 36 construction spreads of equipment, located in the Gulf of Mexico, Mexico, the Middle East, Southeast Asia, the North Sea, South America, and offshore West Africa. An outline of the various functional areas of McDermott Marine Construction follows.

## I Marine Engineering

- 1. Products and services:
- Design and engineering for offshore drilling platforms, production and processing platforms, onshore and offshore oil and gas processing facilities, refineries, petrochemical plants, tank farms, tanker mooring systems, marine terminals, and underwater pipeline facilities
- Engineering and feasibility studies
- Oil, gas, and chemical process design

- Basic design and project scheduling
- Detailed engineering and design
- Equipment engineering
- Procurement of materials
- Testing and start-up of facilities
- Construction management and project management
- 2. Markets:
- Oil and gas producing areas worldwide
- 3. Locations:
- Houston, Texas
- New Orleans, Louisiana
- · Lafayette, Louisiana
- London, England
- Singapore
- Oslo, Norway

#### **II** Fabrication

- 1. Products and services:
- Platform jackets (bases), deck sections, deck facilities, production modules, drilling modules, quarters modules
- Offshore loading terminals
- Control systems for subsea production wells
- Process piping
- Process vessels
- Caissons (well protectors)
- 2. Marketa:
- Oil and gas producing areas worldwide
- 3. Locations:
- Morgan City, Louisiana
- Bayou Black, Louisiana
- Harvey, Louisiana
- Inverness, Scotland
- Dubai, United Arab Emirates
- Ain Soukhna, Egypt
- Batam Island, Indonesia
- Jurong, Singapore

# III Offshore Installation and Marine Pipelaying

.1

#### 1. Products and services:

- Transportation, installation, hookup, commissioning, and maintenance of offshore structures
- Weld steel pipe, coat with concrete, lay pipe on sea floor, excavate trenches, lay pipe across rivers and channels, engage in diving operations

#### 2. Markets:

- Oil and gas producing areas worldwide
- 3. Locations:
- Morgan City, Louisiana
- Harvey, Louisiana
- Batam Island, Indonesia
- Singaphre
- Dubai, United Arab Emirates
- Warri, Nigeria.
- · Rio de Janeiro, Brazil
- Antwerp, Belgium
- · Aberdeen, Scotland

# IV McDermott Shipyards

#### 1. Products and services:

- Construction of high-horsepower river and ocean tugboats, cargo barges, offshore supply boats, posted drill barges, packaged drilling rigs, fishing boats, small jack-up drilling barges
- Repair of damaged hulls, machinery, propellors, shafts, bearings
- Routine maintenance and repair work
- 2. Markets:
- Oil and gas transportation and supply industry, drilling industry, fishing industry, and other maritime transportation and construction industries
- 3. Locations:
- Morgan City, Louisiana
- New Iberia, Louisiana
- · Gulfport, Mississippi

## **V** Dredging Division

- 1. Products and services:
- Oilfield canal and drilling slip excavation and backfill, openwater pipeline ditching, pipeline river crossings, ship
- channel excavation, maintenance dredging
  - Levee construction; bulkheads; marine construction to thirty feet; steel, concrete, and timber platform fabrication; dock construction; steel cofferdams; pile supported decks
- Site preparation for posted drilling rigs, aerial pipeline croasings, and flood control structures

## 2. Markets:

- Worldwide marshland and shoreline oil and gas producers; federal, state, and local governments; oil, gas, and petrochemical industries
- 3. Location:
- Harvey, Louisiana

McDermott Marine Construction is organized to provide all of its products and services in each of the oil and gas producing areas of the world. Its marine engineering offices specialize in the problems unique to each of the areas. Other services are also organized on geographical lines: North and South America, Middle East and Southeast Asia, North Sea, and West Africa.



# Babcock & Wilcox

Bahcock & Wilcox began more than a century ago when, in 1867, George Babcock and Stephen Wilcox developed a new, safe boiler to provide power for a rapidly industrializing nation. Today, BEW is one of the nation's leading suppliers of fossil-fueled steam generating systems and associated equipment, and a principal producer of nuclear steam systems, fuel and equipment, and specialty steel tubing.

Babcock & Wilcox accounts for two of the financial reporting segments of McDermott. Incorporated: Power Generation Systems and Equipment, and Engineered Materials, Babcock & Wilcox has five business areas: Power Generation, Industrial Products and Services, Naval Nuclear Fuel Division, Tubular Products, and Advanced Technology. An outline of each of these operations, markets served, and principle locations follows.

# I Advanced Technology

# Nuclear Equipment Division

- 1. Products and services:
- Full-scope naval nuclear components for naval nuclear propulsion systemsTrident submarine missile
- tubes; fossil and nuclear pressure vessels; iron, alloy, and vacuum process foundry products; breeder reactor components; solar receivers; and other advanced-energysystem components

#### 2. Markets:

- Naval, industrial, and utilities
- 3. Location:
- · Barberton, Ohio

#### Nuclear Core Structurals 1. Products and services: Nuclear core structurals

2. Market:

.....

- ---- U.S. Navy
  - 3. Location:
  - · Rockford, Minois

#### Research & Development, and Contract Research Divisions

- 1. Products and services:
- · Research in combustion, fuels, design, materials, process control, non-destructive methods and diagnostics, advanced energy, and thermal/fuel areas
- 2. Markets:
- Support research. development, and service needs of McDermott companies and, through contract, available to customers in government and industry
- 3. Locations:
- Alliance, Ohio
- Lynchburg, Virginia

## **11 Power Generation**

## **Fossil Power Generation** Division

- 1. Products and services:
- Supplies fossil-fuel-fired steam generating systems and related equipment and services
- Air pollution control equipment, air heaters, fans
- · Supplies parts and services
- 2. Markets:
- Domestic utility and other energy sectors
- **3.** Location:
- Barberton, Ohio (headquarters)

#### **BAW Construction Company** 1. Products and services:

- Erection of fossil utility systems, nuclear utility steam systems, and industrial boilers
- General construction work
- · Repairs, alterations, and inspection services
- Rednery piping and vessel. recairs
- · Erects and overhauls turbines
- Manufactures flues and ducts Erects and repairs
- environmental and advanced energy systems
- 2. Markets:

Ran an the a company a chines an analy an estimate at the second method we have a

- Unlities, pulp and paper, and miscellaneous construction industries
- 3. Location:
- Copley, Ohio (headquarters)

#### Manufacturing Division

- 1. Products and services:
- Service and manufacturing operations for the Power Generation, Industrial & Marine, and Advanced Energy and Environmental Systems divisions

#### 2. Locations:

- Paris, Texas
- West Point, Mississippi
- Wilmington, North Carolina

3

#### Advanced Energy & Environmental Systems Division

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- 1. Products and services:
- Complete wet and dry sulfur dioxide removal systems. electrostatic recipitators, baghouse particulate removal systems, coal gasification systems, coal slurry, and fluidized bed systems
- Design of advanced energy ٠ systems

#### 2. Markets:

- Utility and industrial
- 3. Location:
- Barberton, Ohio

## Industrial & Marine Division

- 1. Products and Services: Complete fossil steam generating systems, marine boilers, boiler components, replacement parts, pulverized coal injection systems. municipal waste incineration boilers, waste heat (cogeneration) boilers, flue-gas desulfurization systems, blast furnaces, gas-fired boilers, and beat exchangers
- 2. Markets:
- Industrial, marine, and municipal

#### 3. Location:

North Canton, Ohio

## Nuclear Power Generation Division

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- 1. Products and services: · Complete utility nuclear steam supply systems and
- components Nuclear fuel processing and
- finished nuclear fuel assemblies Engineering and field technical services to improve overall plant performance
- 2. Markets:
- Domestic and international utilities
- 3. Locations:
- Lynchburg, Virginia (headquarters)
- Apollo, Pennsylvania

## Babcock & Wilcox Canada Ltd.

- 1. Products and services:
- Fossil and nuclear steam generating systems for Canadian and international markets
- · Erects, repairs, services, and makes components for boilers
- Engages in general and heavy mechanical construction
- 2. Marketa:
- Canadian and international utility and industrial sectors
- 3. Location:
- Cambridge, Ontario, Canada (hendquarters)

#### International Operations 1. Products and services:

- Supplies BAW products and
- extended scope for turnkey projects
- Bids consortiums and joint venture projects
- Manages overseas projecta.
- Oversees worldwide boller licensees
- 2. Markets:

- ....

- International utility and industrial sectors
- 3. Location:
- Barberton, Ohio (headquarters)

# **III Industrial Products** and Services

- Bailey Controls Company
- 1. Products and services:
- Microprocessor-based line of instrumentation for the process and other industries
- Network 90<sup>13</sup> system providing a complete range of control, data acquisition, and operator interface functions
- Analog and digital, pneumatic, electronic, and direct digital control systems
- Large and small computer systems for use in data acguisition, reduction, display. and control
- Peripheral transmitters and control actuators for basic mensurement or operation of flow, pressure, temperature, gas analysis and opacity, and control rod drives

## Z. Markets:

 Domestic and international process, utility, and other

- industries

#### 3. Locations:

- Wickliffe, Ohio (headquarters and plant)
- Williamsport, Pennsylvania
- · Burlington, Ontario, Canada
- Regents Park, New South Wales, Australia
- Sao Paulo, Brazil
- Shiruoka, Japan

## Diamond Power Specialty Company

- 1. Products and services:
- Boiler and other heat transfer surface cleaning systems
- Boiler water level gauges
- Metallic reflective insulation

#### 2. Markets:

• Domestic and international industries using boilers

#### 3. Locations:

- Lancaster, Ohio (headquarters)
- Burlington, Ontario, Canada
- Bromma, Sweden
- Dumbarton, Scotland

# Hudson Products

## Corporation

- 1. Products and services:
- Fin-Fan<sup>®</sup> heat exchangers using air for dissipation of process heat
- process heat • Tul-Lite<sup>TM</sup> and Auto-Variable<sup>TM</sup> axial fana

# 2. Markets:

.....

Process and cooling tower industries

•

- 3. Locations:
- Houston, Texas (headquarters)

• Beasley, Texas

#### Insulating Products Division 1. Products and services:

 Firebrick, insulating firebrick, specialty refractories, ceramic fibers (Kaowool<sup>2</sup>), pre-fired ceramic shapes, and kaolin clays

## 2. Markets:

- Domestic and international utilities and other industries
- 3. Locations:
- Augusta, Georgia (headquarters)
- Hephzibah, Georgia
- Ponce, Puerto Rico
- Burlington, Ontario, Canada
- Rio de Janeiro, Brazil

## TLT-Babcock, Inc.

- 1. Products and services:
- Axial fans, centrifugal fans
- Sound attenuation equipment.
- 2. Markets:
- Electric utilities, mining, cement, steel, chemical and glass industries
- 3. Locations:
- Akron, Ohio (headquarters)
- Medina, Ohio

# **IV Tubular Products**

- 1. Products and services:
- Seamlesa, carbon, stainless, and alloy tubing
- Welded carbon and alloy tubing
- Specialty oil- and gas-well tubing for shallow and deep applications
- Specialty alloy rubing for nuclear applications
- Extruded steel shapes

#### 2. Markets:

- Oil and gas drilling and production, steam generating, rail transportation, automotive, farm equipment, metalworking, and chemical processing industries
- 3. Locations:
- Beaver Falls, Pennsylvania
- Ambridge, Pennsylvania
- Alliance, Ohio
- Milwaukee, Wisconsin
- Bryan, Texas

## V Naval Nuclear Fuel Division

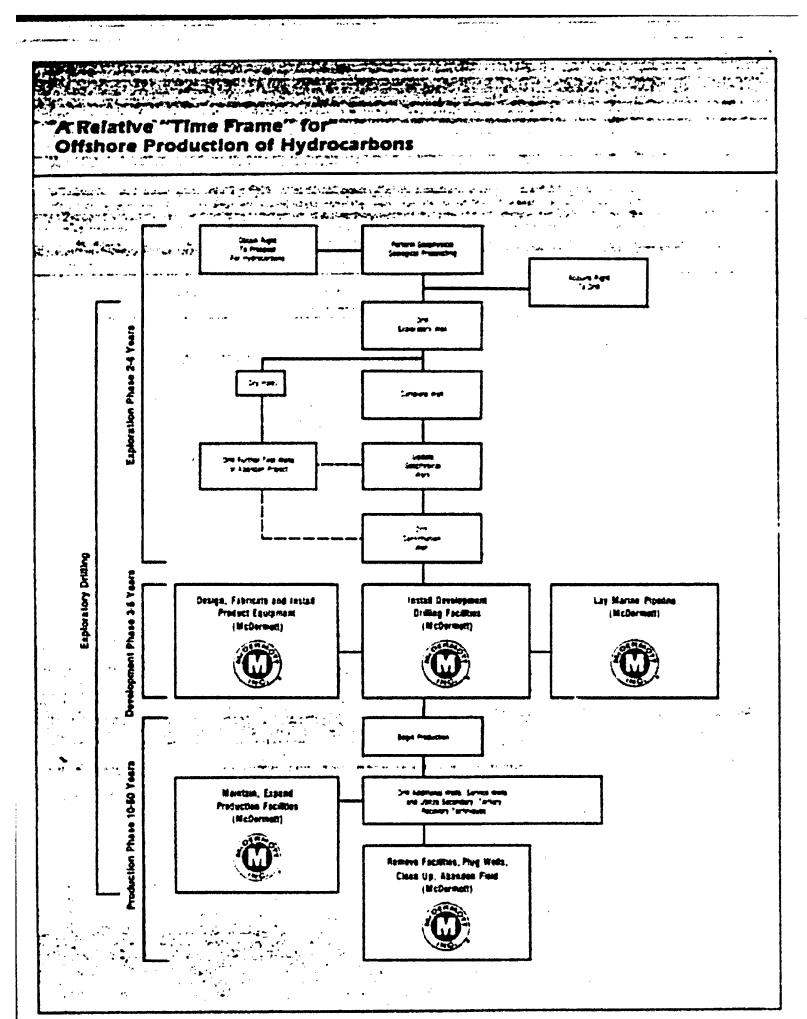
- 1. Products and services:
- Reactor cores for the U.S. Navy

#### 2. Markets:

• U.S. Navy and other industries requiring precise machining

## 3. Location:

Lynchburg, Virginia



# **Thirty-Five Years of Platform Development**

Offshore platform construction in the open waters of the Gulf of Mexico began in 1947 with the installation of the first steel template-type platform in 20 feet of water. A second platform in a water depth of 50 feet soon followed, and a new industry was born.

These first platforms were supported by a forest of piling due to the sizes of steel members being manufactured at that time and to the limited lifting capacity and boom length of the floating construction equipment. In 1949, the first derrick barge built for offshore use was commissioned, with a 150-ton lifting capacity on a 90- by 300-foot hull. By 1953, a second unit with 250-ton lifting capacity was also in service.

As construction techniques improved and better equipment became available, dezigns also improved. By the nild 1950's, the average size pile had increased to 30 inches (outside diameter). Fewer piles were required and a more open bracing pattern was used. The first platform in approximately 100 feet of water included three jackets of eight piles each with a deck size of 220 by 10d feet.

The next noticeable increase in water depth was in 1959 with the installation of a four-pile minimum tender platform in 206 feet of water. Two 250-ton derrick barges were required to lift the jacket from the cargo barge at location.

In 1965, a new generation of equipment was introduced with the construction of the first 500-ton derrick barge. Barges with more than 600-ton capacity are now being used throughout the world.

In the summer of 1967, a jacket was installed in record water depth of 340 feet. Due to its weight, the jacket was launched from a barge at location.

Today, most jackets are fabricated on their side, loaded onto cargo barges, then rotated to the vertical after being launched from the barge at location.

In 1975, McDermott installed a jacket in a record setting 474 feet of water, followed by 850 feet in 1976. In 1978, the mammoth Cognac structure was installed in 1.025 feet of water in the Gulf of Mexico. In June, 1981, the largest one-piece jacket, Cerveza, (968 feet tall) was fabricated, loaded out, and installed by McDermott in 935 feet of water. Construction of a launch barge 650 feet long was required to carry Cervera to its installation site in the East Breaks field in the Gulf of Mexico. McDermutt installed Cerveza Ligera, a lighter, streamlined version of the original Cerveza in May of 1982. With Cerveza Ligera, McDermott demonstrated its leadership and ability to consistently and successfully complete large-scale marine construction projects.

Since installing the first platform offshore in 20 feet of water. McDermott and its subsidiaries have, through increased technology and specially designed equipment, teen able to meet the needs of the hydrocarbons industry as the search for oil and gas moved into deeper and deeper waters. A History of Steam

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Steam is the principal powergeneration medium through which heat is released and converted to usable energy. The heat needed to generate steam is produced by burning oil, gas, or coal or by splitting atoms. Today, steam is driving electric utility generators that are producing 75 percent of the world's electricity.

Steam also is a workhorse for industry and is part of the many industrial processes. It powers most of the ships of the world's navies and the greatest percentage of commercial shipping vessels, And buildings, both large and small, use steam for heating and cooling.

Producing steam takes heat from a reliable and controllable source a boiler. Supplying boilers and related components and services has been the primary business of Babenck & Wilcox for more than 100 jeans.

Stephen Wilcox introduced his improved version of the watertube boiler in 1856. The basic features of his new invention permitted better water circulation and increased heating surface per unit. Of greater significance, the boiler was inherently safe - a departure from fire-tube boiler designs, Manufacture of this first safe boiler culminated many centuries of trial and error experimentation.

In 1866, George Herman Babcock became associated with Stephen Wilcox, and the first Babcock & Wilcox straight-tube boiler was patented a year later.

The partnership, prospering with its superior product, was incorporated as The Babcock & Wilcox Company in 1881. It was the same year that the first central station for generating electricity in the United States went into service - The Brush Electric Light Company of Philadelphia powered by four 73-horsepower BAW boilers.

New applications and markets for RoW's water tube boiler grew rapidly after the turn of the century.

BAW was in the forefront of boiler manufacturers for each application.

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In 1902, the first New York subway was powered by BAW boilers. In 1903, 96 boilers rated at 508 horsepower were installed in the Fisk Street Station of the Commonwealth Edison Company, the first utility plant to use steam turbines exclusively for electric power generation.

During World War I, BAW built more than 1,500 boilers for the United States Navy and Merchant Marine, and in World War II more than 75 percent of the major United States combat and merchant vessels were equipped with B&W systems.

After World War II, B&W applied its skills to a new source of heat for generating steam — nuclear energy. The company, a leader in the development of marine applications for nuclear power, built and installed the nuclear reactor for the first nuclear-powered merchant ship, the N.S. SAVANNAH. Since then, BAW has engineered and fabricated nearly all of the nuclear steam generator components for the four existing United States nuclearpowered aircraft carriers, the Enterprise, Nimitz, Eisenhouver, and Vincent. B&W is also the major supplier of nuclear steam systems for the Navy nuclear submarine program.

A milestone in the development of lower cost electricity was achieved in 1957 when the Ohio Power Company's Philo, Ohio, plant went on-line. The BAW coal-fired Universal Pressure Boiler achieved significant advances with its ability to respond rapidly to changes in load demand.

BAW has also been a major supplier for users of steam in industry. Pulp and paper. petrochemical, and primary metals industries are among the major customers using BAW industrial

boilers designed to burn oil, coal, or natural gas. A large number of units also fire process wastes such as blast furnace gas, black liquor, peanut shells, bagasse, and even coffee grounds.

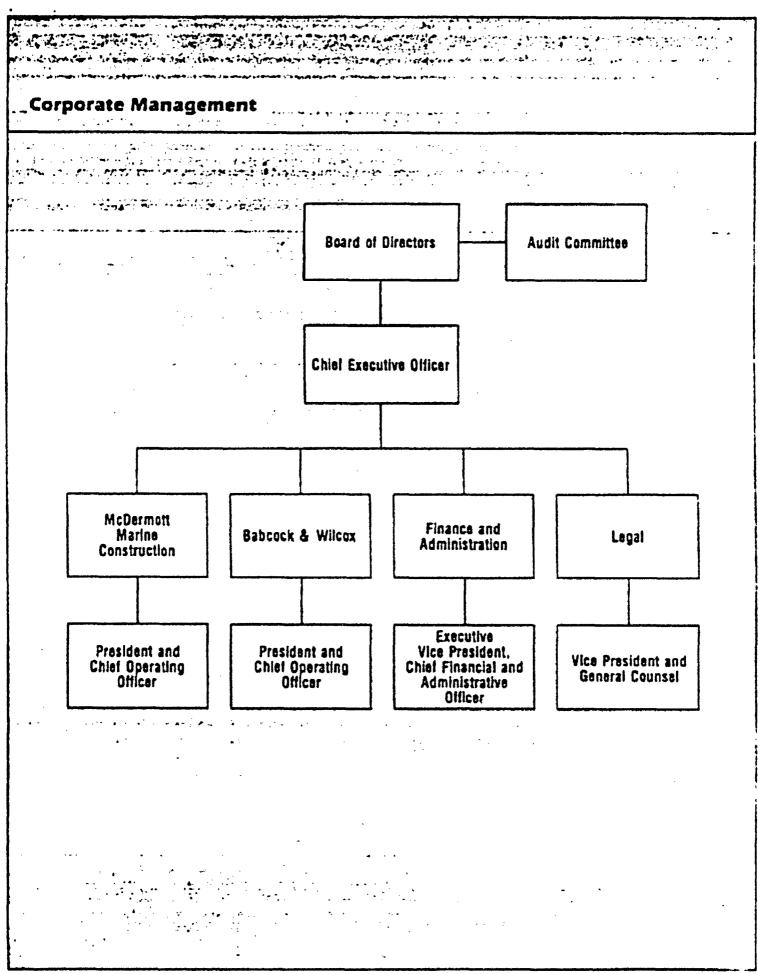
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As demand for electricity has grown, B&W technology has kept pace with the increasing needs of its utility customers. B&W built a 1,300-megawatt, pulverized coalfired plant for the Tennessee Valley Authority. The plant, the world's largest power station, went on-line in 1973. TVA has since purchased an additional 1,300-megawatt unit. Six similar B&W power plants have also been sold to American Electric Power.

A leader in the development of the commercial use of nuclear energy for generating electricity, today B&W nuclear steam systems. can provide enough electrical power to serve the needs of six million people.

The company's research and development efforts are constantly studying new technologies for power generation. Solar powered electric plants and nuclear fusion, though years away from contributing significantly to our energy needs, are now part of BAW's ongoing research efforts. Others with equally complicated technological barriers show promise. One is magnetohydrodynamics (MHD), a system that uses a longknown but difficult to demonstrate principle to generate electric energy directly from the combustion of coal, supplementing the age old steam cycle.

Whether MHD or any other technology proves to be a viable alternative method of generating power depends on whether the new energy conversion system compares favorably with current power generation system economics. B&W will help make this determination, using the skills developed from serving the needs of its customers since 1867.



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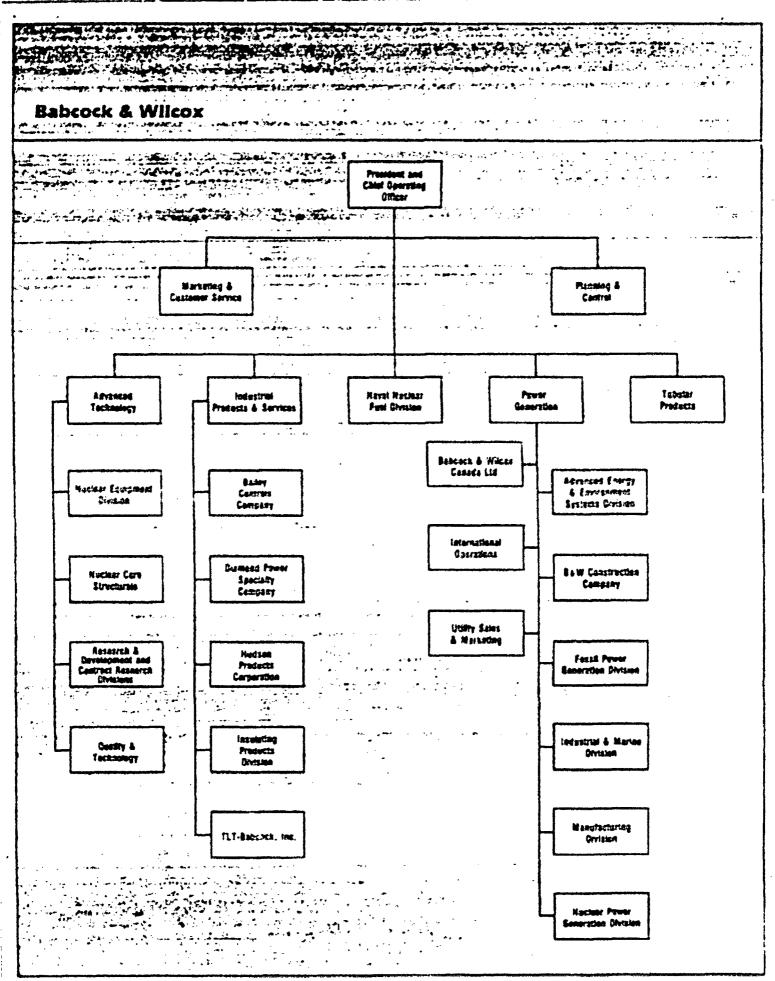
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Acquisitions and Divestitures

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As the Company expanded internally, additional growth was realized through carefully selected acquisitions that complemented its operations or allowed it to enter new, closely related fields. The overriding objective of all acquisitions is the desire to strengthen McDermott's capabilities to provide a broad range of energy services.

### The Offshore Company

McDermott was one of the original stockholders of The Offshore Company since its founding in 1953. The company had become a major competitor in the deepwater drilling business. McDermott had decreased its interest in the company over the years. The decision to sell the remaining interest on April 1, 1971, was prompted by the disposition of Associated Pipeline Contractors. Inc., in exchange for a substantial stock interest in Reading & Bates Corporation (a competitor of The Offshore Company).

# Associated Pipeline Contractors, Inc.

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Associated was acquired in 1958 to supplement domestic services and provide expansion possibilities through the foreign subsidiaries. The firm engaged in the laying of large diameter, cross-country oil and gas transmission lines. In 1969, Associated was sold to Reading & Bates in exchange for 2,203,479 shares of Reading & Bates common stock.

### **Dupont Fabricators**

Dupont was acquired in 1959 to supplement existing fabrication facilities in Morgan City, Louisiana.

### Various Tugboat Companies

In 1964, four tugboat companies were purchased to ensure the availability of one of the primary elements of offshore work.

# "Dick" Evans, Inc.

Acquired in 1966, the firm specialized in underwater construction, repairs, salvage operations, and submarine television systems.

# TransOcean Oil, Inc.

In 1968, the oil exploration and production operations conducted by McDermott Oil Division were transferred to a newly formed company, TransOcean Oil, Inc. On July 17, 1968, a distribution was made to the stockholders of McDermott of 5 percent of the common stock of TransOcean as a dividend-in-kind. The remaining 95 percent was distributed on April 28, 1970. The primary consideration for the divestiture of TransOcean Oil was the decision to devote all financial and management resources to the development stage rather than the exploration for oil and gas.

### Wagley Construction, Inc.

This oil field construction and service firm was acquired in 1969 to provide complete construction services in Alaska, particularly on the North Slope. The assets of the company were sold in 1973.

### Hudson Engineering Corporation

A major expansion of McDermott's line of services was achieved in 1969 when the Company acquired all of the stock of Hudson Engineering Corporation and its subsidiaries.

## **Ingram Corporation**

In November 1971. McDermott purchased Ingram Corporation's foreign equipment, and the Company's operations were expanded into three new areas: Anstralia, Trinidad, and Brazil.

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## The Babcock & Wilcox Company

March 31, 1978 marked the successful beginning of the planned broadening of the Company's operating base. Babcock & Wilcox is a leader in the design and manufacture of steam generating and associated equipment. This acquisition expanded the Company's activities from its traditional role as a service company to the offshore oil and gas industry into a new role as a broad-based energy services company.

## Netherlands Offshore Company

In September 1979, the assets of the Netherlands Offshore Company were acquired for cash. Included in the purchase were a self-propelled, semisubmersible derrick barge and three self-propelled combination derrick-pipelaying ships. The three derrick-pipelaying ships were subsequently transferred to a newlyformed Mexican joint venture in which McDermott has a 49 percent interest.

# Viking Piper

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In January 1981, McDermott acquired the semisubmersible pipelaying barge Viking Piper from Santa Fe International Corporation. Renamed Lay Barge 200, this largest pipelaying barge in the world is currently on assignment in the North Sea.

# Control Components International

In July 1981, McDermott sold Control Components International, a division of Babcock & Wilcox specializing in the design, manufacture, and sale of specialized process control valves for the energy and hydrocarbon processing industries, to IMI.

### Nucermet

In July 1981, McDermott sold the assets of its Nucermet product line, a part of Babcock & Wilcox's Automated Machine Division specializing in ceramic cutting tools, to the Greenleaf Corporation.

### Belfab

In August 1981, McDermott sold Babcock & Wilcox's Belfah unit, specializing in the production of welded metal bellows and in-core detectors for nuclear power plants, to Pacific Scientific Company.

## **Advanced** Composites

In November 1981, McDermott sold the Advanced Composites department, a part of Babcock & Wilcox's Industrial Products and Services group, to Dresser Industries, Inc. The Advanced Composites department produces high-performance fiber-composite ball valves and several specialty products based on graphite-fiberreinforced plastics for computer and copying equipment.

## Automated Machine Division

In April 1982. McDermott sold the Automated Machine Division of its Babcock & Wilcox subsidiary to Acme Precision Products.

# important Financial Events

April 15, 1946 Incorporated in Delaware.

Jane 29, 1954 First public offering.

January 30, 1958 Listed on the New York Stock Exchange.

February 26, 1959 Ten percent stock dividend.

March 15, 1960 Ten percent stock dividend.

March 15, 1961 Two percent stock dividend.

March 15, 1962 Three-for-two stock split.

October 9, 1964 Borrowed 330 million principal amount at 4%<sup>th</sup> due November 1, 1954, Prepaid in June 1973.

March 3, 1967 Three-for-two stock split.

August 23, 1972 Sold \$60 million principal amount of 4%% Convertible Subordinated Debentures due 1997. Called for redemption in December 1973.

October 12, 1972 Sold \$30 million principal amount of 4%% Convertible Subordinated Debentures due October 15, 1987.

June 15, 1973 Borrowed \$60 million principal amount at 7.30% due June 15, 1998.

### December 27, 1974

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Sold \$50 million principal amount of 9.70% Sinking Fund Debentures due December 1, 1999, and \$35 million principal amount of 8.90% Notes due December 1, 1984.

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June 20, 1975 Two-for-one stock split.

April 6, 1977 through May 13, 1977 Acquired 1,205,600 shares of The Babcock & Wilcox Company in open market transactions at an average price of \$42.76 per share.

August 10, 1977 Tender offer was commenced to acquire up to 4,300,000 shares of Babcock & Wilcox at \$55.00 per share.

August 19, 1977 Tender offer was amended to provide a net cash price of \$60.00 per share for 4,300,000 shares.

August 23, 1977 Tender offer was amended to provide a net cash price of \$62.50 per share for 4,300,000 shares.

August 25, 1977 Tender offer was amended to provide that the full amount of a \$2.50 per share special dividend declared by Babcock & Wilcox be paid to tendering stockholders, and the number of shares to be pur-

chased be increased to 4,800,000.

December 15, 1977 Two-for-one stock split.

#### March 21, 1978

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Acquired the remaining outstanding shares of Babcock & Wilcox in exchange for 6,317,545 shares of Series A \$2,20 Cumulative Convertible Preferred Stock and 6,317,545 shares of Series B \$2.60 Cumulative Preferred Stock. The total cost of the acquisition, accounted for as a purchase, was approximately \$748,000,000, including expenses.

December 19, 1978

Privately placed \$20 million principal amount of 9 V250 Promissory Notes due December 1, 1981.

January 25, 1979 Sold \$17 million principal amount of 6.80% Pollution Control Revenue Bonds due February 1, 2009.

March 21, 1979 Sold \$150 million principal amount of 9 %% Sinking Fund Debentures due March 15, 2004.

#### March 5, 1980

Sold 4 million shares of common stock at \$31.625 per share. The proceeds, which amounted to \$121.5 million, were used to repay outstanding indebtedness to banks under a revolving and term loan agreement, and for working capital and other general corporate purposes.

# Financial Definitions

### Revenues and Cost of Operations

Contract revenues and related costs for marine construction services and power generation systems and equipment are principally recognized on a percentage of completion method.

## Selling, General and Administrative Expense

Expenses incurred in connection with management, administration, sales promotion and general office overhead. Also includes current provision for supplemental compensation.

## Other Income (Expense)

Includes interest income, interest expense, gain from sale of assets, minority interests' share in net loss (income) of subsidiaries, equity in earnings of joint venture companies, discounts earned, dividend income, insurance refunds, foreign exchange gain or loss, miscellaneous income and expense, discounts allowed and royalties, etc.

## Total Common Stock and Other Stockholders' Equity

Equal to common stock, capital in excess of par value and retained earnings, net of cost of common

stock in treasury and unamortized deferred career executive stock plan expense.

Working Capital Current assets minus current liabilities.

## **Current Ratio**

Current assets divided by current liabilities.

# Quick Ratio

Funds readily available for paying current obligations (i.e., current assets minus contracts in progress, inventories, and prepaid expenses) divided by current liabilities.

# **Financial Highlights**

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In Thousands of Dollars Except Shares, Per Share Al FOR THE FISCAL YEARS ENDED MARCH 31.		na sud	1981		1980		1979
¢			(Restated)		(Restated)		
STATEMENT OF INCOME:			•				
Revenues	\$ 4,843,1	.86	3,539,698	\$	3,167,059	\$	3,144,564
Net income	\$ 213,4		99,561	\$		\$	
Net income as a percent of revenues	4.4		2.6%		2.95		3.05
Weighted average common and common equivalent	_						
shares outstanding (in millions) <sup>1</sup>		5.9	36.7		32.7		32.4
dilution (in millions) <sup>1,2</sup>	4	3.3	36.9		33.0		32.7
Earnings per common share:1							
Primary			5 1.89	\$	1.85	. \$	1.94
Fully diluted <sup>*</sup>	\$ 4.	.36 .	1.88	\$	1.84	\$	1.92
BALANCE SHEET:							
Net working capital	\$ 800,5	34 .	\$ 704,138	3	879,405	3	862,398
Net property, plant and equipment	\$ 1,197,6	28	8 1,177.478	â	1,025,341	\$	920,744
Total assets	\$ 4,030,0	32 1	\$ 3,906,261	1	3,541.912	5	3.300,942
Notes payable to banks and current maturities							
of long-term debt	\$ 39,3	47 3	5 116,745	\$	29,540	3	20,425
Long-term debt less current maturities	\$ 418,4	92	5 434.071	\$	463,110	3	487,12
Convertible subordinated debt	\$ 7	67 3	<b>5</b> 2.326	5	3.743	5	5,524
Redeemable preferred stock	\$ 393,7	63 .	394,192	\$	394.468	\$	394,50*
Total common stock and other stockholders' equity	\$ 1,174,5	56	5 1.047,680	5	1,026,628	\$	872.15
GENERAL:							
Cash dividends declared per common share:	<b>s</b> 1	.65	\$ 1.45	\$	1.25	\$	1.00
Cash dividends declared per preferred share:	• •			•		•	
Series A	\$ 2	20	5 2.20	\$	2.20	5	2.20
Series B	-		\$ 2.60	Š		5	
Average common stockholders' equity	\$ 1.111.1		1.037,154	Š		\$	
Return on average common stockholders' equity	19.3		9.64	•	9.6%	•	16.9%
Stockholders' equity per common share <sup>1</sup>			28.58	\$		\$	
Common stock price:1	• •••			. *		•	
High	\$ 41	7/ .	\$ 46*/a	\$	361/2	\$	311/2
Low		-	221/1	Š		Š	
Preferred stock price:	•		• •	-		•	
Series A-high	\$ 41	¥,	\$ 471/2	\$	38*/.	\$	351
low			\$ 25%	Ś		3	-
Series B-high	-		\$ 271,	\$		5	
low			\$ 17 <sup>1</sup> / <sub>2</sub>	3		3	
STATISTICS:		-	- •	-		5	
Backlog	\$ 3,235.4	04	\$ 5,212,546	\$	4,934,000	X	4,900,000
Capital expenditures	\$ 167.0		272,377		257,003	ŝ	• • • • •
Number of employees including subcontract labor	59.(		59.000	-	58,000		61,000
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Adjusted for two-for-me stock splits effective June 20, 1975 and December 15, 1977.
 Includes only computations which cause dilution. If calculated assuming complete conversion into common stock of Series A \$2.20 Cumulative Convertible Preferred Stock, antidiution would have occurred in 1981, 1980 and 1979.

Note: 1981 and 1980 have been restated to reflect the change in accounting for McDermett Marine Construction from the completed contract to percentage of completion method of income recognition.

1978 1977 1976 1975 1974 1973 1972 \$ 1.293,711 \$ 1.223,841 \$ 1.102.078 \$ 742.825 \$ 425,736 358.399 5 5 321.509 \$ 159,092 \$ 191,642 \$ 160,184 5 76,447 \$ 31.998 17,175 8 \$ 19,115 12.35 15.7% 14.5% 10.3% 7.5% 4.85 5.9% 31.7 31.3 31.2 30.9 27.9 26.9 26.9 32.4 32.4 32.4 32.1 32.0 29.6 26.9 S 5.02 S 6.11 \$ 5.13 \$ 2.47 \$ 1.15 5 .64 S .71 3 4.92 \$ 5.93 \$ 4.95 2.39 \$ \$ 1.04 \$ .62 \$ .71 5 810.487 \$ 453,714 8 249,852 S 174.209 5 99.603 \$ 59,899 74.128 \$ 3 891.581 \$ 466,149 \$ 465,963 \$ 388,350 \$ 279,138 \$ 231.011 \$ 185.399 \$ 3,182,807 \$ 1.376.005 8 1,119,999 \$ 577,395 5 846,910 ŝ 446.648 S 369,821 5 12,108 2.328 3 \$ 10.415 30.163 \$ \$ 43 282 3 32,459 7.519 3 S 472.472 \$ 149.887 \$ 150.435 \$ 185.523 \$ 81.465 S 111.047 92.459 S ŝ 6,960 \$ 18.825 16,191 3 \$ 19.940 2 20,880 S 90.000 -394.847 3 ----\_\_\_\_ -----836.592 695,441 517,664 \$ \$ \$ \$ . 368,136 \$ 298,952 206.258 \$ \$ 195,510 3 .90 \$ .575 ż .425 \$ .30 Ŝ .2623 \$ .25 3 .25 ..... ----766.017 \$ 606.353 442,900 333,544 2 \$ 5 232.605 \$ 3 200.884 \$ 188,858 20.8% 31.6% 36.2% 22.9% 12.7% 8.5% 10.1% \$ 26.15 22.12 \$ \$ 16.54 \$ 11.79 \$ 9.74 \$ 7.66 \$ 7.22 S 291/4 \$ 27% 27% 214. 263/4 \$ 5 11% \$ \$ 20 \$ 211. 21% 5 \$ \$ 163/ 5 121/ 13% \$ \$ 937 5 714 \_ \$ 5,300,000 \$ 1.291,000 \$ 1.813,000 \$ 1,660,000 \$ 1,002,000 \$ 452,000 235.000 ŝ \$ 84,975 \$ 63,657 \$ 131,773 \$ 151.101 5 79.286 5 73,156 \$ 79.223 59.000 19.364 20.953 18,350 12.536 7.811 7.800

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# **Consolidated Statement of Income**

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FOR THE FISCAL YEARS ENDED MARCH 11.		1982	_	1981	1960		1979	
		······································	đ	Restated)	đ	Restated)		
Revenues	5 4	4.843.186	\$ 3	3.839.698	\$ 3	3,167,059	\$	3,144,564
Cost of operations		3.977.476	•	3.235.309	2 (	2.687.465	¢	2.600.274
Depreciation and amortization	•	140,076		126.222	• •	111.803	•	111.365
Selling, general and administrative expenses		304,165		302.546		260,562		247.621
Provision for supplemental compensation		11,202		2,645		522		3,254
	\$ 4	1,432,919	5 :	3,666,722	5 :	3,060,452	5	2,962,514
Operating income	5	410.267	S S	172.976	- <u>x</u>	106.607	¥	182.030
Other Income (Expense):	•	110.601	Ŷ	110-010	•	100.001	3	102.000
Interest income (Expense).	\$	77.830	5	72,691	\$	49,205	S	54.826
Interest expense	•	(\$4,583)	*	(59,820)	÷	(48,633)	÷	(52,223)
Gain from sale of assets		16,651		20,553		5.607		1,116
Other		(45,191)		(6.171)		36.206		6.519
Minority interests' share in net								
loss (income) of subsidiaries		(1,780)		(734)		(2,283)		461
Equity in earnings of joint venture companies		17,715		12,426		8,784		9,969
	\$	10,642	5	38,945	5	48,586	5	20,563
Income Before Provision for Income								
Taxes and Extraordinary Gain	5	420,909	5	211,921	S	155,493	3	202,718
Provision for Income Taxes		207,460		112,360		64,672		109,761
Extraordinary Gain (Loss):								
Foreign tax benefit from operating loss carry for-								
ward and cumulative effects of accounting change	-							
Net Income	\$	213,449	5	99,561	\$	90,821	5	92,957
Weighted Average Common and Common								
Equivalent Shares Outstanding <sup>1</sup>	36	5.888,332	2	6,676,279	7.	2,745,544	2	2,366,019
Weighted Average Common and Common				د ا عرب ا ک ب		6,140,044	0	4,000,010
Equivalent Shares Outstanding,								
Assuming Full Dilution <sup>1,3</sup>	43	3.282,857	34	6,864,025	3	3,046,940	3	2,730,974
Earnings per Common and Common			•				U	
Equivalent Share:								
Primary	\$	4.98	5	1.89	5	1.85	\$	1.94
Fully diluted <sup>1</sup>	\$	4.56	\$	1.38	5	1.84	S	1.92
Operating Margin.		8.5 5		4.5%		3.43		5.5%
Interest Coverage		7.5x		2.9x		2.2x		3.5x
Pre-tax Margin		8.7%		5.5-7		4.95		6.15
Effective Tax Rate		49.3%		53.0%		41.6%		53.9%

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Adjusted for two-for-one stock splits effective June 20, 1975 and December 15, 1977.
 Includes only computations which cause dulution. If calculated assuming complete conversion into common stock of Series A \$2.20 Cumulative Conversible Preferred Stock, antidilution would have occurred in 1981, 1980 and 1973.

Note: 1981 and 1980 have been restated to reflect the change in accounting for McDermott Marine Construction from the completed contract to percentage of completion method of income recognition.

	1978		1977	<u></u>	1976		1975		1974		1973	_	1972
\$ 1	1.293.711	\$	1.223.841	\$	1.102.078	\$	742,825	\$	425,756	\$	358,399	\$	321.509
3	901,696 67,614 119,714	3	793,928 63,004 98,640	\$	734,574 52,444 77,357	\$	553,304 35,723 58,066	\$	307,673 28,473 42,588	\$	274,733 24,036 32,160	\$	269,626 18,590 25,628
- a tribuine	6,919	- Parterio	3,638	-	7,421		2,450		605		216		105
1	1,095,943	1	964,210	Ł	871,796	<u> </u>	649,543	ŝ_	379,339	٤	331,145	ŝ_	313,949
\$	197,768	\$	259,631	\$	230,282	\$	93,282	\$	46,417	\$	27,254	\$	7,560
5	34,124 (26,887) 914 10,782	\$	21,824 (16,157) 123 (5,317)	\$	13,763 (22,068) 558 (2,704)	\$	(15.972) 151 11,069	Ş	(8,679) 409 7,404	\$	 (5,974) 42 7,496	\$	 (4,146) 248 6,289
	(532)		(753)		417		36		(20)		(6)		-
_	23,918		2,275		1,453		2,098		1,668		647		330
3	42,319	<u></u>	1,995	5	(8,581)	<u></u>	(2,618)	5	782	1	2,203	8	2,721
ŝ	240,037 80,995	ş	261,626 70,116	\$	221,701 66,427	\$	90.664 14.217	\$	47,199 12,178	\$	29,459 12,554	5	10.281 2.128
ş	159,092	5	132 191,642	\$	4,910 160,184	5		5	(3,023) 31,998	\$	<u>270</u> 17,175	5	<u>10,962</u> 19,115
31	1.670.923	3	1.342,492	3	1.247.192	3	0.891.736	2	7,852.508	20	6. <b>928,18</b> 4	2	6,884,332
32	2,428,971	3:	2,415,262	3	2.416,874	3	2.117.748	3	1,949,916	2	9,578,512	21	6,884.332
\$	5.02	5	6.11	\$	5.13	\$	2.47	5	1.15	5	.64	3	.71
\$	4.92	\$	5.93	5	4.95	\$	2.39	5	1.04	\$	.62	\$	.71
	15.3%		21.2%		20.9%		12.675		10.9%		7.64		2.15
	7.4x		16.1x		10.4x		5.8x		5.3x		4.6x		1.Sx
	18.6%		21.4%		20.15		12.25		11.1%		8.2%		3.25
	33.74		26.85		30.0%		15.755		25.8%		42.6%		20.75

# **Consolidated Balance Sheet**

In Thousands of Dollars				
FOR THE FISCAL YEARS ENDED MARCH 31,	1982	1981	1980	1979
		(Restated)	(Restated)	
ASSETS				
Current Assets:				
Cash	\$ 26,865	\$ 14,988	\$ 33,250	\$ 19,752
Short-term investments, at cost	507,594	431,867	485,867	r?1,112
Accounts and notes receivable-trade	997,265	831,593	658.587	572,499
Other accounts and notes receivable	13,210	85.955	66.479	31,560
Contracta in progress	407,181	513,769	352,389	280,420
Inventories	367,797	361,805	422,349	392,093
Prepaid expenses	11,993	10,106	14,869	10,083
Total current assets	\$ 2,331,935	3 2,250,083	\$ 2,038,540	<u>\$ 1,927,519</u>
Long-term Note Receivable-unconsolidated				
joint venture company	\$ 9,269	<b>\$</b> 19,427	\$ 29,669	
Investments, Advances, etc.:				
Long-term notes receivable	\$ 6,847	5 4,629	\$ 16,554	\$ 16.123
Investments, at cost	270	1,006	1,286	1,484
Investments in joint venture companies, at equity .	30,882	24,967	17,830	12,398
Advances, etc.	and a state of the state of the second state of the second state of the second states and the second states are states ar	<b>دید</b> ۲۰۰۰ میلیدید. (۲۰۰۰ میلیدید) میلیدید.		
Total investments, advances, etc.	\$ 47,268	\$ 30,662	3 35,670	<u>\$ 30,005</u>
Property, Plant and Equipment, at Cost	\$ 1,926,204	\$ 1,803,544	\$ 1.353,774	\$ 1,361.090
Less accumulated depreciation and amortization	728,576	626,066	527,933	440,346
Property, plant and equipment-net	\$ 1,197,628	\$ 1,177,478	\$ 1,025,341	\$ 920,744
Excess of Cost Over Fair Value of Net Assets				
of Purchased Businesses Less Amortization	\$ 338,782	\$ 348,018	\$ 357,253	\$ 379,404
Deferred Charges and Other Assets	\$ 105,150	\$ \$0,653	\$ 44,639	\$ 43,270
Total	\$ 1,030,032	3,906,261	\$ 3.541,912	\$ 3,300,942

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Note: 1981 and 1980 have been restated to reflect the change in accounting for McDermott Marine Construction from the completed contract to percentage of completion method of income recognition.

1978	1977	1976	1975	1074	1973	
\$ 22,842 595,150 502,450 32,831 284,021 372,135 12,354 <u>\$ 1,821,783</u>	\$ 5,231 527.291 246,177 11,475 32,250 50,969 5,789 3 879,182	\$ 16,040 201,356 262,453 23,567 40,496 77,004 <u>5,849</u> \$ 626,765	<b>\$</b> 17,082 58,160 200,614 44,748 18,635 90,350 <u>2,947</u> <b>\$</b> 432,536	$\begin{array}{c} 3.692 \\ 31,319 \\ 121,560 \\ 23,306 \\ 42,637 \\ 43,817 \\ \underline{4,143} \\ \underline{5} \\ 270,474 \end{array}$	\$ 731 29.462 89.129 2.728 18.122 26.329 <u>3.952</u> \$ 169.452	\$ 9,622 25,469 62,907 532 14,478 23,302 <u>3,476</u> <u>\$ 139,786</u>
	-	-	-	-		**
\$ 148 1.255 19,906 <u>\$ 21,309</u> \$ 1.238,807 <u>347,226</u> \$ 891,581	5         258           854           11.912           814           3           13.543           3           754,759           288,640           \$           466,149	<b>\$</b> 388 1.266 7.789 <u>264</u> <u>3</u> 10.307 <b>\$</b> 693,974 <u>228,011</u> <u>\$</u> 465,963	\$ 582 1,652 5,297 400 <u>\$ 7,931</u> \$ 567,195 <u>178,845</u> \$ 388,350	<b>\$</b> 3,014 1,633 5,142 437 <u>\$ 10,226</u> <b>\$</b> 428,158 149,020 <b>\$</b> 279,138	\$ 22.548 3.144 <u>1,336</u> <u>\$ 27,028</u> \$ 355,402 <u>124,391</u> <u>\$ 231,011</u>	\$ 23.556 2,314 <u>1,097</u> <u>\$ 26.967</u> \$ 288.663 <u>103.264</u> \$ 185,399
<u>\$ 403,320</u> <u>\$ 44,814</u> <u>\$ 3,182,807</u>	\$ 6,252 \$ 10,554 \$ 1,376,005	\$ <u>6,252</u> <b>\$</b> 10,712 <b>\$</b> 1,119,999	\$ 6,252 \$ 11.841 \$ 846,910	\$ 6,252 \$ 11,306 \$ 577,396	\$ <u>6,936</u> \$ <u>12,221</u> \$ <u>446,648</u>	\$ 7,274 \$ 10,395 \$ 369,821

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# **Consolidated Balance Sheet**

In Thousands of Dollars				
FOR THE FISCAL YEARS ENDED MARCH 31.	1982		1980	1979
		(Restated)	(Restated)	
LIABILITIES AND STOCKHOLDERS' EQUITY				
Current Liabilities:		,		
Notes payable to banks and current				
maturities of long-term debt	\$ 39,347	\$ 116,784	\$ 29.840	5 20.425
Accounts payable and accrued liabilities	901,654	768,535	674.320	655,139
Advance billings on contracts		407.022	291.323	262.518
U.S. and foreign income taxes	225,438	253,604	163,952	126,839
Total current liabilities	\$ 1,531,401	<u>\$ 1,545,945</u>	1,159,435	<u>\$ 1,064,921</u>
Other Liabilities:				
Deferred and non-current income taxes	\$ 373,329	\$ 356.362	\$ 382,716	3 381.523
Accrued liabilities for losses and damages	74.407	70,438	46.020	25,368
Supplemental compensation plan and	18 663	11.004		00.000
other deferred credits	17,867	11,204	14,709	20,906
Reserve for drydocking costs and pipeline property losses	7,608	5.458	4,993	7.396
Other	30,672	33,504	36,336	39,168
Total other liabilities	\$ 503,883	3 476,965	3 484,774	\$ 474,361
Minarity Interests	\$ 7.168	\$ 5.081	\$ 4,754	\$ 2,351
Long-term Debt	\$ 419,259	\$ 136,397	\$ 471,853	\$ 492,647
	**************************************	<u></u>	Contraction of the second s	
Redeemable Preferred Stock	\$ 393,763	\$ 394,192	<u>\$ 394,468</u>	<u>\$ 394,507</u>
Common Stock and Other Stockholders' Equity:				
Common stock	\$ 37.110	3 36,979	3 36,765	\$ 32.523
Capital in excess of par value	262.004	258.996	254.521	133.038
Retained earnings	881,760	758,792	742.534	714,883
Less: Cost of common stock in treasury	(2,800)	(2,912)	(2,871)	(2,871)
Unamortized deferred career executive stock plan expense	(3,516)	(4,175)	(4,324)	(5,418)
Total common stock and other				
stockholders' equity	\$ 1,174,558	<u>\$ 1,047,680</u>	<u>\$ 1,026,628</u>	<u>\$ 872,155</u>
Total	\$ 4,030,032	\$ 3,906,261	<u>\$ 3,541,912</u>	<u>\$ 3,300,942</u>

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Note: 1981 and 1980 have been restated to reflect the change in accounting for McDermott Marine Construction from the completed contract to percentage of completion method of income recognition.

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1978	1977	1976		1974	1973	
\$ 12,108 599,667 278,530	\$ 2.328 245.827 173.991	\$ 10,415 209,456 152,328	\$ 30,163 109,566 93,574	\$ 43.282 54,076 54,457	\$ 32,459 41,944 24,462	<b>š</b> 7,519 28,197 17,385
<u>120,991</u> <b>\$ 1,011,296</b>	<u>3,322</u> <u>\$ 425,468</u>	<u>4,714</u> <u>\$ 376,913</u>	<u>25,024</u> <u>\$258,327</u>	<u> </u>	<u>10,688</u> \$ 109,553	12,257 \$ 65,658
\$ 372,798 15,963	<b>3</b> 57,586 10,037	\$ 35,774 7,077	\$ 22,524 3,539	\$ 20,912 (361)	\$ 18,304 	\$ 14.670
22,422	17,138	9,853	3,306	1,461	1,266	1.524
3,998 42,500	3,319	3,271	3,951	4.056		-
\$ 457,681	\$ 88,080	\$ 55,975	\$ 33,920	\$ 26,058	\$ 19,770	\$ 16,194
<u>\$ 2,959</u>	<u>\$ 937</u>	<u>\$ 138</u>	<u> </u>	\$ 40	<u>\$</u> 20	
\$ 479,432	\$ 166,078	<u>\$ 169,259</u>	<u>\$ 186,523</u>	\$1 81,465	<u>\$ 111,047</u>	\$ 92,459
<u>\$ 394,847</u>						
\$ 32.207 129.505 884.353 (2.681)	\$ 15,878 136,762 553,832 (2,517)	\$ 15.796 134.011 380,227 (2.401)	\$ 7,551 140,778 233,326 (2,176)	\$	\$ 6,806 63,593 141,550 (2,028)	\$       6.805 63.349 131,108 (1,803)
(6,892)	(8,513)	(9,969)	(11,673)	(3,050)	(3,668)	(3,949)
\$ <u>836,592</u> \$_3,182,807	\$ 695,442 \$ 1,376,005	\$517,664 \$1,119,999	<u>\$    368,136</u> <u>\$    846,910</u>	\$ <u>298,952</u> \$ <u>577,396</u>	\$ <u>206,258</u> \$ <u>446,648</u>	<u>\$ 195,510</u> <u>\$ 369,821</u>

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# **Consolidated Statement of Common Stock and Other Stockholders' Equity**

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In Thomsands of Dollars						
·	Common Stork	Capital in Excess of Par Value	Retained Earnings	Tressary Stock	Career Ezecutive Stock Plan	Total Common Stock and Other Stockholders' Equity
Balance at March 31, 1980	\$ 36,768	\$ 254.521	\$ 742.534	(\$2,571)	(\$4.324)	\$ 1,026,625
Additions to Capital in Excess						
of Par Value:						
Excess of principal amount of debentures						
over par value on conversion		1.313	-		-	1.313
Excess of market value of cumulative						
preferred stock over par value						
on conversion		267	-	-		257
Excess of market value of stock over par						
value on exercise of stock option.		1.551	-			1.561
Excess of market value over par value of						
shares issued in connection with						
career executive stock plan	-	1214	-	-	-	1.314
Amortization of Caroor Executive Stock Plan Expense					1.0	1.0
Common Stock Issued:	~	-	-		149	149
Purchase of Ursaury shares.	_		-	1433	_	(41)
Conversion of detentures.	- 85	-	-		-	S5
Conversion of re-iremable preferred stock.	<u>د</u>	-	-	-	_	9
Exercise of stock uptrons	44	-	-	-	_	Ōé
Career executive stock plan.	17	-	-	~	_	37
Cash Dividends Paid on Preferred Stock	-	_	(30,290)	_		(30,290)
Cash Dividends Paid on Common Stock	-	-	(53.013)			(\$3,013)
Net lacome for the Year		-	\$9.561	-	-	99.561
Balance at March 31, 1981	\$ 36,979	\$ 256.996	\$ 758,792	(\$2,912)	(\$4,175)	\$ 1.947.660
Additions to Capital in Escres of Par Value:						
Excess of principal amount of debentures over par value on conversion	_	1.449	_	-	-	1.449
Excess of market value of cumulative preferred stock over par value		1.000	_		-	1.443
on conversion	-	415	-	-	-	415
Excess of market value of stock over par						
value on exercise of stock option	-	1,144		-	~	1,144
Amortization of Career						
Executive Stock Plan Expense	-	-	<del></del> ·	•	559	659
Common Stock Issued:			•			
Sale of treasury shares	-			112	-	112
Conversion of debentures.	93	-		-	-	-3 <b>2</b>
Conversion of redeemable preferred stock.	14	· 🕳	44 <b>9</b>	-	-	14
Exercise of stock options.	24	-		-	-	21
Cash Dividenda Paid on Preferred Stock	-		(29.360)	-	-	(29.550)
Cash Dividends Paid on Common Stock	-		(60,621)	-		(60,621)
Net Income for the Year	-		213.449			213,449
Balance at March 31, 1982	\$ 37,110	\$ 262,004	\$ 551,760	1\$2.di.n32	13.516)	\$ 1,174,536

Note: 1981 and 1960 have been restated to reflect the mange in accounting for McDermott Marine Construction from the completed contract to percentage of completion method of income recognition.

# **Consolidated Statement of Changes** In Financial Position

### In Thousands of Dollars

FOR THE FISCAL YEARS ENDED MARCH 31.	1987	1981 (Restated)	1980 (Restated)	1979	1978
SOURCE OF FUNDS:					
Operations:					
Net income	\$ 213,449	\$ 99,561	\$ 90,821	\$ 92.957	\$ 159,092
Depreciation and amortization	140,076 53,190	126.222 42.692	111.803 44,861	111,365 100,205	67,614 19,444
Equity in earnings of joint venture companies net of drustends	(5,914) 10,585	(7,450) 15,873	(732) 8,622	7,952 5,712	(23,163) 14,168
Working capital provided from operations	\$ 613.386	\$ 279,595	\$ 275,375	\$ 321.191	\$ 228,179
Issuance of common stock	3,139	4.686	125,728	3,749	9,172 334,647
Proceeds from sale and exchange of property, plant and equipment	31,352	2,732	\$8,320	3,412	3,162
Long-term borrowing (including fluctuations under the revolving credit agreement)	170,000	131,357	189,976	405.318	275,000
long-term debt and non-current income taxes					495 238
	\$ 617,877	\$_419,723	\$ 649 399	\$ 733,670	\$ 1.405.709
APPLICATION OF FUNDS:	A 1/4 01A	\$ 372.377	\$ 257,005	a 191.41.	s 54.975
Additions to property, plant and equipment	\$ 167,014	• • • • • • • •		\$ 131,026	
under the revolving credit agreements	187.138 38.223	186.81 <b>3</b> 69.046	210.770 63.921	392.103 - 91,480	195,602
Cash dividenda	90,181	83,303	70,684	62,427	28.571
Non-current assets of BAW, principally property, plant and equipment	-	-	-	-	426,675
unconsolidated joint venture company	(10,158) 429	(10.242) 279	23,669 39	340	-
Excess of cost over fair value of net assets of BaW	-	- 1 · 3 		-	399,764
Other-net	48,150	12,417	<u>8.272</u> 8 640,360	4.183	349
NET INCREASE (DECREASE) IN WORKING CAPITAL	\$ 99.196	\$ (175.267)	\$ 9,039	\$ 52.111	\$ 356,773
CHANGES IN COMPONENTS	÷\$\$\$\$\$\$\$\$\$\$\$	And a second			
OF WORKING CAPITAL: Increase (decrease) in current assets:					
Cash and short-term investments	\$ \$7,404 92,957	\$ (77,292) 192,482	\$ (116.717) 121.007	\$ 22.572 68.778	\$ 85.470 277.629
Contracts in progress	(106,558) 5,997	161,380 (60,344)	78,182 30,256	(3,601) 19,958	251.771 321.166
Prepaid expenses	1,687	(4 783)	4,506	(2.271)	4.565
· · · · · · · · · · · · · · · · · · ·	\$ \$1,652	1 211.243	\$ 117,534	\$ 105.736	\$ 742,501
Increase (decrease) in current liabilities:					
Notes and accounts payable and accrued liabulities	8 49.491	\$ 191,175	\$ 25,225	\$ 23,621	\$ 365,304
Advance billings on contracts	(42,040) 1.072	115, <del>599</del> (13,316)	47.538 (31)	(16,012) 27,544	104.339 79.390
U.S. and foreign income taxes	(25,156)	82,552	32.363	3,348	31,255
Dividenda payable	2.119	3 306	3 300	7 624	1.7:0
NET INCREASE (DECREASE) IN WORKING CAPITAL	<u>s (14.544)</u> s 96,396	<u>8 386 510</u> 8 (175.267)	<u>\$ 108,495</u>	\$ 53.625	<u>\$ 345.928</u>
			\$ 9.039	\$ 52.111	1 354.773

Note: 1981 and 1980 have been restated to reflect the change in accounting for McDermott Marine Construction from the completed contract to percentage of completion method of income recognition.

# McDermott Financial Ratios

FOR THE FISCAL YEARS ENDED MARCH 31.		1981 (Restated)	1980 (Restated)	
Operating Ratios:		· .	-	
Net income to revenues	. 4.4%	2.6%	2.95	3.0%
Operating income to revenues	. 8.5%	4.54	3.47	5.8-5
expenses to revenues	. 6.3%	7.95	3.25	8.05
Revenues	. 26.155	21.25	0.75	143.175
Operating income		52.35	(41,4%)	(7.975)
Net income		9,675	(2.3%)	(41,6%)
Assets-Lizbilities Ratios:		4.0.44	5 ALC (17 7 17 1	(42.074)
Current ratio	. 1.51	1.5x	1.5x	1.5x
Quick ratio		0.9x	1.1x	1.2x
Inventory to working capital		51.4%	48.075	45.5%
Trade receivables to working capital		118.155	74,95	66.455
Fixed assets to total common stock and other				
stockholders' equity	. 102.0%	112.45	100.0=	105.6%
Long-term debt to total common stock and other				
stockholders' equity	. 35.7%	41.775	46.05	56.5 %
Total liabilities to total common stock and other				
stockholders' equity	. 243.1%	272.3.5	245.0 %	273.57
Return and Usage Ratios:				
Revenues on capital employed	. 238.9%	192.55	164.7%	176.75
Operating return on total assets	. 10.2%	4.4%	3.04	5.55
Net return on total assets	. 5.3%	2.5 5	2.65	2.55
Operating return on capital employed	. 20.2 5	8.75	5.55	10.275
Net return on capital employed		5.0%	4.75	5.25
Operating return on total common stock and other				
stockholders' equity	. 34.9%	16.57	10.4%	20.9*
Net return on total common stock and other	18 6 4	0.5 -	0.0.**	10 7-
stockholders' equity	. 18.2%	9.5%	8.845	10.75

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Note: 1981 and 1980 have been restated to reflect the change in accounting for McDermott Marine Construction from the completed contract to percentage of completion method of income recognition.

1978	1977	1976		1974	1973	1972
12.3%	15.7%	14.5%	10.3%	7.5%	4.8%	5.9%
15.37	21.2%	20.9%	12.65	10.975	7,65	2.4=
9.8%	8.8%	7.7%	8.1%	10.1%	9.0%	8.05
5.7%	11.0%	48.475	74.5%	18.55	11.5%	35.0%
(23.85)	12.75	146.95	101.05	70.37	260.5%	6.14
(17.0%)	19.6%	109.5%	138.9%	86.375	(10.1%)	181.45
1.8x	2.1x	1.7x	1.7x	1 4-	1.8-	2.1x
1.1x	1.9x		1.3x	1.6x	1.5x 1.2x	
		1.4x		1.1x		1.7x
46.05	11.25	29.7%	49.0%	39.8%	37.5%	27.675
62.17	54.375	101.3%	108.7%	110.6%	126.9%	74.5%
105.64	67.05	90.045	105.5%	93.4%	112.0%	94.3%
57.3%	23.94	32.75	50.7%	27.2%	53.8%	47.3%
250.475	97 9**	116.45	130.17	93 1-5	116.65	89.25
75.1%	141.75	158.0%	127.05	100.55	102.55	108.75
6.2%	18.9%	20.6%	11.0%	8.05	6.1%	2.0%
5,0%	13.95	14.35	9.0%	5.5%	3.55	5.25
11.5%	30.1 %	33.05	15.9%	11.0%	7.85	2.65
9,245	22.25	23.0%	13.155	7.65	4.9%	6.55
23.64	37.3%	44.5%	25.3%	15. <del>5%</del>	13.2%	3.9%
19.0%	27.6%	30.9%	20.85	10.7%	8.3%	9.8%

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# **Capitalization Ratios**

In Thousands of Dollars								
FOR THE FISCAL YEARS ENDED MARCH 31.	مىرى	1982		1981		1980		1979
			C	Bestated)	í	Restated)		
Short-term debt	\$	27,560	\$	84,772	\$	18,740	\$	9,501
Long-term debt:								
Current maturities		11,787		32,012		11,100		10,924
Senior		418,492		434,071		468,110		487,123
Subordinated convertible		767		2,326	-	3,743		5,524
Total debt	\$	458,606	\$	553,181	5	501,693	3	513,072
Redeemable preferred stock	\$	393,763	\$	394,192	\$	394,468	\$	394,507
Common stock	\$	37.110	\$	36.979	5	36,768	\$	32,323
Capital in excess of par value		262,004		258,996		254,321		133.038
Treasury stock		(2,800)		(2,912)		(2,871)		(2.571)
Unamortized deferred career executive		(A #16)				11 50 15		12 1101
stock plan expense		(3,516) 881,760		(4,175) 758,792		(4,324) 742,534		(5,419) 714,883
Retained earnings	-	فيتعقب المجهدة التهيكة		فمبغا الماردي فيتواطلتني	-		-	
Total common stock and other stockholders' equity		1,174,558		1,047,680		1,026,628	· §_	872,155
Total capitalization	<u>د</u>	2,026,927	2_	1,395,053	S.	1,922,759	Ž	1,779,734
Short-term debt		1.175		4.2%		1.05		.5%
Long-term debt:								·
Current maturities		.6		1.0		d.		ö.
Senior		20.6		21.5		24.3		27.4
Subordinated convertible				.1				.3
Total debt		22.6%		27.75		26.15		28.8%
Redeemable preferred stock		19.477		19.8%		20.55		22.25
Common stock		1.8%		1.875		1.95		1.8-5
Capital in excess of par value		12.9		13.0		13.2		7,5
Treasury stock		(.2)	·	(.1)		(.1)		(.2)
Unamortized deferred career executive				,		( )		
stock plan expense		(.2)		(.2)		(.2)		(.3)
Retained earnings		43.5	مەللەت.	38.0	-	38.6		40.2
Total common stock and other stockholders' equity		58.0%		52.55		53.4%		49.05
Total capitalization	555	100.0%	<b>5</b> 22	100.04	-	100.04	=	100.0%
Long-term debt to total common stock and other								
stockholders' equity ratio		.36		.42		.46		.57

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Note: 1981 and 1980 have been restated to reflect the change in accounting for McDermott Marine Construction from the completed contract to percentage of completion method of income recognition. ک ہ

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	1978		1977	·	1976		1975	-	1974		1973		1972
\$	3,654	3	948	\$	9,683	\$	30,133	\$	43,223	\$	30,800	\$	6,000
	8,454		1,380		732		68		59		1,659		1,819
	472.472		149,887		150,434		166,583		60,585		21,049		92.459
	6,960		<u>    16,191</u>	-	18,525	-	19,940	_	20,980		90,000		
5	491,540	5	168,406	\$	179,674	\$	216,724	\$	124,747	\$	143,508	5	190,278
: \$	394,847		-						ture -			•	
\$	32,307	\$	15,878	\$	15,796	\$	7,881	5	7,747	\$	6,806	5	6,805
	129,505		136,762		134,011		140,778		130,115		63,598	-	63,349
	(2.681)		(2,517)		(2,401)		(2,176)		(2,028)		(2.028)		(1,803)
	(6,892)		(8,513)		(9,969)		(11,673)		(3,050)		(3,668)		(3,949)
	684,353		553,832	-	380,227	_	233,326		166,168		141,550		131,108
\$	836,592	\$	695,442	\$	517,664	\$	368,136	\$	298,952	\$	206,258	3	195,510
\$	1,722,979	3	963,848	\$	697,338	٤	584,860	ş	423,699	<u>s</u>	349,766	ş	295,789
	.2%		.15		1.4%		5.2%		10.2%		8.8%		2.09
	.5		.2		.1						.5		.6
	27.2		17.3		21.6		28.5		14.3		6.0		31.3
	.6		1.9		2.7		3.4		4.9		25.7		
	29.5%		19.5%		25.8%		37.1%		29.475		41.0%		33.95
	22.94												-
	1.9%		1.9%		2.3%		1.375		1.85		1.9%		2.37
	7.5		15.8		19.2		24.0		30.5		18.2		21.4
	(.2)		(.3)		(.3)		(,4)		(.5)		(.6)		(.6)
	(.4)		(1.0)		(1.4)		(2.0)		(.7)		(1.0)		(1.3)
	39.8		64,1		54.4		40.0	-	39.2		40.5		44.3
	48.65		80.5%		74.2%	_	62.95		70.675		59.0%		66,1%
<u></u>	100.04		100.04		100.0%	_	100.0%		100.0%	<u></u>	100.05		100.0%
	•			<u>e ;</u>	~~ <u>~~~</u> ********************************	gudenia.	**************************************			Barrie and			
	.57		.24		.33		.51		.27		.54		.47

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# **Earnings Per Share Calculations**

In Thousands Except Per Share Amounts				
FOR THE FISCAL YEARS ENDED MARCH 31.		1981 (Restated)	1980 (Restated)	1979
Primary				
Earnings:				
Net income	\$213,449	\$ 99,561	\$ 90.621	\$ 92,937
preferred stock	(29,860)	(30,290)	(30,296)	<u>(30,295</u> )
Net income applicable to common stock	\$183,589	\$ 69,271	\$ 60,525	\$ 62,662
Shares:				
Weighted average common and common equivalent shares outstanding	35.888	36,676	32,746	32,366
Primary earnings per share	\$ 4.98	\$ 1.39	S 1.35	\$ 1.94
Fully Diluted	•	• ••••		•
Earnings:				
Net income	\$213,449	\$ 99,561	\$ 90,821	\$ 92,957
Add:	*******	4 55,001	\$ \$9,041	V JacVI
Preferred A dividends - converted shares Interest on 47,75 convertible	13,830	·	-	-
subordinated debentures net of				
income taxes	-	-	-	-
Interest and amortization of debt issuance expense on 43/475 convertible subordinated				
debentures net of income taxes	45	78	137	150
Less: Dividends paid on redeemable				
preferred stock	(29,860)	(30,290)	(30,296)	<u>(30,295</u> )
Net income assuming full dilution	\$197,464	\$ 69,349	\$ 60,662	\$ 62.812
Shares: <sup>1</sup>				
Weighted average common and common equivalent shares outstanding	36,888	36.676	32,746	32,366
Assume conversion of convertible	••••••	•••••		
subordinated debentures	108	188	301	363
Assume conversion of convertible preferred stock	6,287		<u></u>	
Fully diluted shares <sup>2</sup>	43,283	36,864	33,047	32,731
Fully diluted earnings per share <sup>2</sup>	\$ 4.56	\$ 1.58	\$ 1.84	\$ 1.92

Adjusted for two-for-one stock splits effective June 20, 1975 and December 15, 1977.
 Includes only computations which cause d2ution. If calculated assuming complete conversion into common stock of Series A \$2,20 Camulative Convertible Preferred Stock, antidilution would have occurred in 1981, 1980 and 1979.

Note: 1981 and 1980 have been restated to reflect the change in accounting for McDermott Marine Construction from the completed contract to percentage of completion method of income recognition.

1978			1976	 1975		1974		1973		1972
\$ 159,092	\$ 191.642	\$	160,184	\$ 76,447	5	31,998	5	17,175	\$	19,115
<u>-</u> \$159.092	5 191.642	s	160,184	\$ 	3	31,998	\$	17,175	3	
31,671			31,247	30,892		27,853		26,928		26.88-
\$ 5.02	3 6.11	\$	31,247 5.13	\$ 2.47	\$	1.15	S	.64	\$	.7
<b>\$</b> 159.092	\$191,642	\$	160,184	\$ 76,447	\$	31,998	\$	17.175	\$	19,11
-	-		-	-		-		-		-
~~	-		_	-		489		744		-
304	444		475	501		632		317		
<u> </u>	\$192,086	\$	160,659	\$ 	\$	33,119	\$	18,236	5	
31,671	31,342		31,247	30,892		27,853		26,928		26,88
741	1,073		1,170	1,226		4,097		2,651		-
17				 <u> </u>						
32,429 \$ 4.92	32,415 \$ 5.93		32,417 4.95	32,118 2,39		31,950 1.04		29,579 .62	5	26,58 .1

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# **Revenues and Operating Income** by Financial Reporting Segments

In Millions of Dollars				
FOR THE FISCAL YEARS ENDED MARCH 11.	1982	1981 (Restated)	1980 (Restated)	<u>    1979     </u>
Revenues:				
Marine Construction Services	\$ 1,907.8 39 <i>1</i> 7	s 1.417.2 373	\$ 1.020.6 32%	\$ 1.010.3 32%
Power Generation Systems and	-			
Equipment	1,949.3 40 <i>5</i> 5	1,727.6 45%	1.487.5	1,463.8
Engineered Materials	916.4 19 <b>%</b>	590.0 15%	578.3 18%	508.5 16%
Other Products and Services	69.7 2 <b>%</b>	104.9 35	80.6 375	161.4 5~
Total	\$ 4,843.2 100%	\$ 3,839.7 100%	\$ 3,167.0 100%	\$ 3,144.5 100%
Operating Income:				
Marine Construction Services	\$ 72.3 15%	\$	\$ (58.0) (38%)	5 61.0 27%
Power Generation Systems and				
Equipment	107.6	116.2 51 T	140.7 927	117.7 51%
Engineered Materials	294.7 61%	97.4 425	62.9 41 <sup></sup> 6	51.0 22%
Other Products and Services	8.0 17	16.5 5ማ	7.5 579	(0.9
Total	\$ 482.6 100%	\$ 229.4 100 <del>%</del>	\$ 153.1 100%	\$ 228.8 100%
Revenues and Operating Income by Geographic Areas			·	
In Millions of Dollars				
FOR THE FISCAL YEARS ENDED MARCH 31,	1982	1981 (Restated)	1980	1979
Revenues:				
Domestic	\$ 3,434.1 71%	\$ 2,896.1 7575	\$ 2.463.7 78 <del>5</del>	\$ 2,533.0 81%
Foreign	1.409.1	943.6 25 5	703.3 225	611.5 19 <del>4</del>
Total	\$ 4,843.2	\$ 3,839.7 1005	\$ 3.167.0 100-5	3 3,144.5
Operating Income:				
Domestic	\$ 500.1 104%	3 277.3 121 <b>%</b>	8 217.9 1425	S 267.3 11775
Foreign	(17.5)	(47.9) (215)	(64.6) (42 <del>5</del> )	(38.5) (17 <b>%</b> )
Total	\$ 482.6	\$ 229.4	2 153 3	\$ 228.5

Note: 1981 and 1980 have been restated to reflect the change in accounting for McDermott Marine Construction from the completed contract to percentage of completion method of income recognition.

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1978 1977 1976 1975 1974 1973 1972 \$ 684.3 \$ 1,116.1 \$ 1,089.4 \$ 1,010.1 \$ 379.3 \$ 314.9 \$ 208.5 86% 59% 92% 9255 89% 88% 65% -\_ \_ --\_ -\_ 177.6 134.4 92.0 58.5 46.5 43.5 113.0 1470 1155 35% 895 895 1195 12% \$ 1,293.7 \$ 1,223.8 \$ 425.8 \$ 321.5 \$ 1.102.1 742.8 358.4 \$ S 100% 100% 100% 100% 100% 100% 100% \$ 219.8 95.9 45,0 30.4 \$ 205.5 \$ 247.6 3 \$ \$ S 5.9 93% 95% 95% 103% 975 111% 7815 --------..... -1.4 15.4 12.0 10.5 (2.6)(3.1)1.7 375 22% 7% 5% 53 (3%) (115) 220.9 46.4 27.3 S 259.6 S 230.3 S 93.3 3 \$ 7.6 \$ \$ 1005 10055 100% 100% 100% 100% 10055 1978 1977 1976 1975 1974 1973 1972 \$ 394.9 249.8 \$ 183.6 \$ 194.1 222.4 \$ 638.6 \$ 471.7 \$ \$ 495 385 36% 34% 43% 54 % 69% 707.2 655.1 752.1 493.0 242.2 164.3 99.1 514 625 64% 5755 16% 665 31-5 \$ 1,293,7 \$ 1,223.8 \$ 1,102.1 742.8 \$ 425.9 358.4 321.5 \$ \$ \$ 100% 1005 100% 100% 100% 100% 100% 128.2 82.5 79.1 23.8 \$ 15.1 ŝ 22.0 \$ 3.9 \$ \$ 5 3 32% 25% 33% 81% 515 58-34% 92.7 177.1 69.5 31.3 5.3 3.7 151.2 49% 425 68% 664 75% 675 199 220.9 27.3 259.6 230.3 93.3 7.6 5 ŝ ŝ \$ 46.4 \$ S 100% 1005 100% 100% 100% 100% 100%

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يرار الإسابيسي مستحدين والمحاور والالالا

واستنصيب والهابيس ببار المالم وا

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# **Quarterly Financial Data**

### In Thousands of Dollars Except Per Share Amounts

In Thousands of Dollars Except Per Share Amounts					Earnings P	e: Sharu <sup>1,8</sup>
Quarter Ended		Revenues		Net acome	Primary	Fully Drinted
June 30, 1972. September 30, 1972 December 31, 1972 March 31, 1973	\$	55,743 93,653 98,332 110,671	3	2.919 4.817 6,095 3.341	\$ .11 .18 .23 .12	8.11 .18 .23 .10
	5	358,399	5	· 17,175	8.64	\$ .62
June 30, 1973. September 30, 1973 December 31, 1973 March 31, 1974	•	62,164 110,718 102,642 150,232	\$	3,209 9,326 10,512 8,851	\$ .12 .35 .39 	\$ 12 31 34 <u>27</u>
June 30, 1.774. September 30, 1974 December 31, 1974 March 31, 1975	*	425,756 100,617 192,256 163,397 <u>256,333</u> 742,523	5	31.998 10,022 19.261 21,750 25,414 76,447	\$1.15 \$ .33 .63 .70 <u>.51</u> 32.47	\$1.04 \$ 32 61 .69 <u>.77</u> \$2.39
June 30, 1975. September 30, 1975 December 31, 1975 March 31, 1976	•	120,722 349,865 308,526 322,962	5 	17,547 52,327 47,328 <u>42,932</u> 160,184	\$ .56 1.65 1.51 <u>1.38</u> \$5 13	\$ 55 1.61 1.46 <u>1.33</u> \$4.95
June 30, 1978. September 30, 1976 December 31, 1978 March 3, 1977	5 5	1,102,078 267,735 396,658 301,676 257,772 1,223,541	\$ \$	100,184 37,097 56,249 59,049 <u>40,247</u> 191,942	\$1.19 1.79 1.35 <u>1.23</u> \$6.11	\$1.15 1.74 1.79 <u>1.25</u> \$3.23
June 30, 977 September 20, 1977 December 31, 1977 March 31, 1975	5	295.632 324.972 448.869 221.018 1.293.711	5	45.647 46.591 49.779 17.085 159.092	\$1.45 1.46 1.56 <u>53</u> \$5.02	\$1 41 1.44 1.54 <u>53</u> \$4.92
June 30, 1975 September 30, 1975 December 31, 1975 March 31, 1979	* 	719.327 820,457 800.244 804,538 3,144,564	\$ 5	32.262 55,484 34,711 (29.500) 92,957	\$ .76 1.48 	\$ .72 1.32 .79 <u>(1.14)</u> <sup>3</sup> \$1.92*
June 30, 1979	*	710,037 752,216 940,851 879,406 3,252,510	\$	19.810 12.388 50,870 5.300 88.356	\$ .38 .15 1.33 <u>(07)</u> \$1.77	\$ .35 <sup>1</sup> 15 <sup>3</sup> 1.20 (07) <sup>3</sup> \$1.76 <sup>4</sup>
June 30, 380, September 30, 1950 December 31, 1950 March 31, 1951		854.261 905.879 967.010 1,112.548 3,839.698	:	8.169 24,059 39,060 <u>28,273</u> 99,561	\$ .02 .45 	\$ .02 <sup>3</sup> .45 <sup>1</sup> .81 <u>56<sup>3</sup></u> \$1.58 <sup>3</sup>
June 30, 1941. September: 30, 1991. December: 31, 1941. March 31, 1982		1,148,619 1,196,131 1,199,708 1,298,525 4,543,156	\$	49.540 55.584 56.030 57.313 213.449	\$1.14 1 30 1 32 <u>1 22</u> \$4.98	\$1.05 1.19 1.20 <u>1.12</u> \$4 56

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3 Adjusted for two-for-one stock splits effective June 20, 1975 and December 15, 1977

Adjusted for two-for-one stock spats effective sube 20, 1913 and December 15, 1911
The first three quarters of factal 1980 have been resisted to reflect capitalized interest.
Includes only computations which cause dilution. If calculated assuming complete conversion into common stock of Series A \$2.20 Cumulative Convertible Preferred Stock, antidution would have occurred in the first, second and fourth quarter of and for the fiscal year ended March 31, 1981 and 1980, and in the fourth quarter of and for the fiscal year ended March 31, 1979.

Note: 1931 has been restated to reflect the change in accounting for McDermott Marine Construction from the completed contract to percentage of completion method of income recognition.

# **Quarterly Common Stock Prices and Dividends**

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	Bigh Sale	Low Sale	Dividenda Declared	Yield On Average
Quarter Ended	Prices	Pricet	Per Share	Prices
June 30, 1972.	\$ 144.	\$ 944	\$ .0625	2.04
September 30, 1972.	164	12%.	0625	1.7
December 31, 1972.	184,	144.	.0625	1.5
March 31, 1973	20	129#	0625	1.5
			1 .25	1.7%
June 30, 1973	\$ 17%	\$ 13~.	\$ .0€25	1.5%
September 30, 1973	21%	14%	.0625	1.4
December 31, 1973	26%	204.	.0625	1.1
March 31, 1974	<b>26</b> 24	15	<u>075</u> 8 :2625	<u>:3</u> 1.3%
June 30, 1974	\$ 20 <sup>22</sup> .	\$ 13%	\$ 973	1.54
September 30, 1974	174	12%	.075	20
December 31, 1974	214.	12%	.075	1.7
March 31, 1975	21	14%	<u>.075</u>	1.7
June 30, 1975	\$ 274,	\$ 17%	\$ .30 \$ 19	184 134
September 30, 1975.	27%	21	.10	1.5
December 31, 1975.	214	161	19	1.9
March 31, 1976	247,	19	.125	2.3
			\$ .425	1.99
June 30, 1976	\$ 262.	\$ 23%	1 .125	2.15
September 30, 1976	27%	21.	.125	2.0
December 31, 1976	25**	2.	.125	20
March 31, 1977	231.	212.	20	34
			\$ 575	2.45
Jane 30, 1977	\$ 29 <sup>1</sup> /2	\$ 25 <sup>12</sup> 4	1 .20	2.9%
September 30, 1977	29***	224	20	3.1
December 31, 1977, the state of the second s	29*4		25	3.5
March 31, 1978	2814	311	23	<u>L0</u>
			\$90	355
June 30, 1978	\$ 31° j	\$ 234	\$ 25	3.7%
September 30, 1973.	2917.	22*/	25	3.9
December 31, 1978	281/2	20%	23	4.0
March 31, 1979	224,	15*/*	<u>25</u> \$ 1.00	4.8
June 30, 1979.	\$ 1944	\$ 15*/a	\$ 1.00 \$ .30	4.0 <b>%</b> 6.5 <b>%</b>
September 30, 1979.	24%	4 13 % 184		5.6
December 31, 1979	264.	20	30	5.2
March 31, 1980.	361/.	1917.	.35	5.0
	•	•	\$ 1.25	439
June 30, 1980	\$ 30%	\$ 221/2	\$ .35	5.34
September 30, 1980.	33%	264	.35	4.6
December 31, 1980	46***	27	.35	3.5
	414 <sub>8</sub>	34129	<u>40</u> \$ 1.45	424
June 30, 1931	5 79	\$ 27%	\$ .40	4.8%
September 30, 1981	401/*	274,	40	4,7
December 31, 1981.	41***	31	40	4.4
March 31, 1982	35%	21**	.45	30
			\$ 1.65	525

<sup>1</sup>Adjusted for two-for-one stock splits effective June 20, 1975 and December 15, 1977. <sup>1</sup>Annualized yield on average high-low price. -

# Stockholders' Data as of June 19, 1982 (Common Stock)

### **Classification of Stockholders**

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Number of

Shares

92,007

711,168

449,570

646.809

35,214,952 37,114,506

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Category	Number of Stockholder		Number of Shares	
Men	4,393	39.9 <b>%</b>	2,823,850	7.65
Women	2,695	24.4	1,156,894	3.1
Joint Accounts	1,950	16.8	392,493	1.1
Sub-Total	8,935	81 1-5	4,373,227	11.55
Trustee Accounts	1,245	11.3	514,760	1.4
Security Dealers	. 35	.3	272,129	.7
Nominees, Institutions and Others		7.3	31,954,390	<u>\$6.1</u>
Sub-Total	2,092	18.95	32,741,279	\$8.25
Total	11,020	100.05	37,114,506	100.05

# **Geographic Distribution**

State	Number of <u>Shares</u>	Number of <u>Stockholders</u>		
New York	25,845,955	1.206	Size o	f Holdings
Louisiana	2,558,861	1.271		
Illinois	1,833,919	522		Number of
California	1,412,781	775	Size of Holdings	Stockholders
Ohio	1,242,980	1,115		
Texas	994,135	693	1- 99	3,911
Connecticut	710,497	292	100- 300	4,363
Pennsylvania	502.731	704	301- 500	1,066
Florida	437.119	485	501-1,000	865
Missouri	252,918	193	1,001-over	815
All Other	1,225,034	3,550	Total	11,020
Total United States	37,016.930	10,906		
Canada	56,169	57		
Foreign	41,407	57		
Totai	37,114,506	11,020		

# Stockholders' Data as of June 19, 1982 (Series A \$2.20 Cumulative Convertible Preferred Stock)

**Classification of Stockholders** 

՝ Արտ ու անաջանները հատության պատությունը է հատությունները։

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Category	Number of Stockholders	<u>l</u>	Number of Shares	
Men		36.8%	587,906	9.15
Joint Accounts	2,613	30.6 	593.035 <u>196,098</u>	9.5 <u>3.1</u>
Sub-Total		88.95 7.4	1,377,039 181,430	22.0% 2.9
Security Dealers	21	.2	8,090	.1
Sub-Total	1,352	<u>3.5</u> <u>11.1</u> 5	<u>4,691,543</u> <u>4,881,063</u>	<u>75.0</u> 78.0 <del>5</del>
Total	12,165	100.0%	6,258,102	100.05

# Geographic Distribution

State	Number of Shares	Number of <u>Stockholders</u>			
New York	3.247,885	1,631	Size o	f Holdings	
Connecticut	458,929	315			
Illinois	396,269	475		Number of	Number of
Pennsylvania	389,543	1,256	Size of Holdings	Stockholders	Shares
California	222,178	664			
Delaware	205,775	33	1- 99	8,171	254,300
Ohio	200,384	1,922	100- 300	3,027	468,994
New Jersey	183,340	759	301- 500	411	171,039
Missouri	137,914	139	501-1,000	277	210.313
Florida	102,501	690	1,001-over	279	5,153,456
All Other	701,009	4,206	Total	12,165	6,258,102
Total United States	6,245,727	12,090		Andrew Constraints	
Canada	9,456	27			
Foreign	2,919				
Totai	6,258,102	12,165			

# Stockholders' Data as of June 19, 1982 (Series B \$2.60 Cumulative Preferred Stock)

### **Classification of Stockholders**

Category	Number of Stockholders		Number of Shares	
Men	4,164	36.7%	478,610	7.65
Women	. 3,483	30.7	533,845	8.5
Joint Accounts	2,519	02.2	153,139	2.9
Sub-Total	10,166	\$9.67	1,195,594	19.055
Trustee Accounts	. 762	6.7	112,137	1.8
Security Dealers	. 18	.2	86,396	1.4
Nominees, Institutions and Others	402	3.5	4,899,532	77.8
Sub-Total	1,182	10.455	5,098,365	<u>S1.0%</u>
Total	11,348	<u>100.0%</u>	6,293,959	100.05

# Geographic Distribution

State	Number of Shares	Number of Stockholders
New York	2,929,491	1.305
Illinois	433,472	472
California	367,534	642
Texas	296,972	297
Washington	242,910	96
Ohio	194,188	1,915
Pennaylvania	158,339	1,152
New Jersey	153,740	704
Florida	125,981	654
Arizona	124,691	123
Connecticut	120,859	279
All Other	1,140,687	3,437
Total United States	6,288,864	11,276
Canada	2,243	25
Foreign	2,852	47
Total	6,293,959	11,348

# Size of Holdings

Size of Holdings	Number of Stockholders	Number of Shares
1- 99	8.086	249.843
100- 300	2,412	368,460
301- 500	317	128,264
501-1.000	232	170,482
1,001-over		5,376,910
Totul	11,348	<u>6.293,959</u>

# Summary of Major Marine Equipment by Location as of June 1982

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	Derrick Barges	Combination Barges/Ships	Lay Barges	Pipe Bury Barges	Total
Gulf of Mexico	6	0	4	3	13
Mexico	0	3	0	0	3
North Sea	2	0	3	1	6
Middle East	3	3	1	0	7
Southeast Asia	0	3	1	0	4
South America	0	0	· 1	0	1
West Africa	_1	1	0	<u>o</u>	_2
Total	<u>12</u>	10	10	4	36

In addition, the Company owns and operates major support equipment, including 61 tugs, utility boats, and crew boats, and 110 cargo barges, dredges, and other vessels. Included in this number is the *Intermac 600* launch barge, which measures 500' x 120' x 33', and the *Intermac 650* launch barge, which measures 650' x 170' x 40'.

# **Description of Major Marine Equipment**

DB No. 1 Derrick Barge a/c quarters for 100 180' x 70' x 11'	American 100-ton gantry crane with a 171-foot boom.	Middle East
DB No. 7 Derrick/Lay Barge a/c quarters for 142 300' x 90' x 19'	American 250-ton gantry crane with a 220-foot boom; 75-ton crawler crane; 3-welding, 1 x-ray, and 1 coating station; tensioner for up to 40° pipe (including weight coat).	Middle East
DB No. 8 Derrick Barge a/c quarters for 77 300' x 90' x 19'	American 250-ton gantry crane with a 220-foot boom.	Gulf of Mexico
DB No. 9 Derrick/Lay Barge a/c quarters for 100 300' x 90' x 19'	American 250-ton gantry crane with a 220-foot boom; 100-ton crawler crane; 5 welding, 1 x-ray, and 1 coating station; tensioner for up to 40" pipe (including weight coat).	Middle East
DB No. 12 Derrick Barge a/c quarters for 156 400' x 100' x 29'	American 860-ton gantry crane with a 275-foot boom; 100-ton crawler crane.	Gulf of Mexico
DB No. 14 Derrick Barge a/c quarters for 240 400' x 93' x 29'	American 600-ton gantry crane with a 240-foot boom; 2007 100-ton crawler crane.	Middle East
DB No. 15 Derrick/Lay Barge a/c quarters for 275 400' x 100' x 29'	American 860-ton gantry crane with a 275-foot boom; 100-ton crawler crane; 5 welding, 1 x-ray, and 1 coating station; tensioner for up to 40° pipe (including weight coat).	West Africa

DB No. 16 American 860-ton gantry crane with a 275-foot boom; Guil of Mexico 100-ton crawler crane. Derrick Barge ale quarters for 156 400' x 100' x 29' Middle East DB No. 17 American 860-ton gantry crane with a 275-foot boom; Derrick Barge 100-ton crawler crane. a/c quarters for 275 400' x 106' x 29' DB No. 18 Clyde 750-ton gantry crane with a 245-foot boom; Gulf of Mexico Derrick Barge 100-ton crawler crane. a/c quarters for 120 350' x 100' x 25' DB No. 19 Clyde 700-ton gantry crane with a 245-foot boom; Middle East Derrick/Lay Barge 100-ton crawler crane; 4 welding, 1 x-ray, and 1 coating station; a/c quarters for 281 tensioner for up to 44" pipe (including weight coat). 300' x 100' x 21' DB No. 20 Clyde 750-ton gantry crane with a 245-foot boom; Southeast Asia Derrick/Lay Barge 100-ton crawler crane: 5 welding, 1 x-ray, and 2 coating stations: aic quarters for 154 401' x 100' x 29' tensioner for up to 72° pipe (including weight coat). DB No. 21 Southeast Asia Clyde 1,000-ton gantry crane with a 275-foot boom; Derrick/Lay Barge 100-ton crawler crane; ale quarters for 154 5 welding, 1 x-ray, and 2 coating stations; 401' x 100' x 29' tensioner for up to 72" pipe (including weight coat). Gulf of Mexico DB No. 22 Clyde 1,600-ton gantry crane with a 275-foot boom; 100-ton crawler crane. Derrick Barge a/c quarters for 210 448' x 131' x 45' Gulf of Mexico DB No. 23 Clyde 1,000-ton gantry crane with a 275-foot boom; Derrick Barge 100-ton crawler crane. ale quarters for 156 401' x 100' x 29' West Africa DB No. 24 Clyde 350-ton gantry crane with a 218-foot boom. 100-ton crawler crane. Derrick Barge a/c quarters for 60 250' x 80' x 16' American 900-ton gantry crane with a 275-foot boom; DB No. 26 Southeast Asia Derrick/Lay Barge 165-ton crawler crane: are quarters for 224 5 welding, 1 x-ray, and 2 coating stations; 400' x 106' x 29' tensioner for up to 40" pipe (including weight coat).

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Clyde 2,000-ton gantry crane with a 300-foot boom. DB No. 100 North Sea Semisubmersible Derrick Barge a/c quarters for 548 406' x 275' x 130' DB No. 101 North Sea IHC 2,000-ton gantry crane with a 352-foot boom; Self-Propelled two 165-ton crawler cranes. Semisubmersible Derrick Barge a/c quarters for 270 476' x 171' x 118' Mixteco IHC 800-con gantry crane with a 240-foot boom: Mexico Self-Propelled 150-ton crawler crane; 5 welding, 1 x-ray, and 1 coating station; Derrick/Lay Ship a/c quarters for 200 2 tensioners for up to 48" pipe (including weight coat). 595' x 99' x 44' American 2,000-ton gantry crane with a 300-foot boom; Mexico Huasteco Self-Propelled two 150-ton crawler cranes: 5 welding, 1 x-ray, and 2 costing stations; Derrick'Lav Ship a/c quarters for 286 2 tensioners for up to 48" pipe (including weight coat). 698' x 125' x 48' Mexico Tolleca American 2,000-ton gantry crane with a 300-foot boom: Self-Propelled two 150-ton crawler cranes; Derrick/Lay Ship 6 welding, 1 x-ray, and 1 coating station; 2 tensioners for up to 48° pipe (including weight coat). a/c quarters for 231 662' x 118' x 46' Gulf of Mexico Lay Barge No. 20 American 100-ton gantry crane with a 165-foot boom; Pipe Lay Barge 50-ton crawler crane: a/c quarters for 52 3 welding, 1 x-ray, and 1 coating station; 240' x 72' x 15' tensioner for up to 24" pipe (including weight coat). Gulf of Mexico Lay Barge No. 21 American 100-ton gantry crane with a 165-foot boom; 25-ton crawler crane; Pipe Lay Barge a/c quarters for 96 3 welding, 1 x-ray, and 1 coating station; 240' x 72' x 15' tensioner for up to 24" pipe (including weight coat). Lay Barge No. 22 2 American 65-ton traveling gantry cranes; Gulf of Mexico 5 welding, 1 x-ray, and 2 coating stations: Pipe Lay Barge a/c quarters for 222 2 tensioners for up to 56" pipe (including weight coat). 420' x 120' x 28' Gulf of Mexico 2 American 65-ton traveling gantry cranes; Lay Barge No. 23 5 welding, 1 x-ray, and 2 coating stations; Pipe Lay Barge a/c cuarters for 222 2 tensioners for up to 56" pipe (including weight coat). 420' x 120' x 28'

Lay Barge No. 25 Pipe Lay Barge a/c quarters for 234 350' x 90' x 25'	2 Manitowoe 120-ton crawler cranes; 5 welding, 1 x-ray, and 2 coating stations; tensioner for up to 40° pipe (including welght coat).	Southeast Asia
Lay Barge No. 26 Pipe Lay Barge a/c quarters for 200 350' x 100' x 25'	2 Manitowoe 120-ton crawler cranes; 5 welding, 1 x-ray, and 1 coating station; tensioner for up to 72° pipe (including weight coat).	Middle East
Lay Barge No. 27 Pipe Lay Barge a/c quarters for 282 420' x 128' x 28'	2 American 65-ton traveling gantry cranes; 5 welding, 1 x-ray, and 2 coating stations; 2 tensioners for up to 40° pipe (including weight coat).	North Sea
Lay Barge No. 28 Pipe Lay Barge a/c quarters for 242 420' x 128' x 28'	2 American 65-ton traveling gantry cranes; 7 welding, 1 x-ray, and 2 coating stations; 2 tensioners for up to 40° pipe (including weight coat).	North Sea
Lay Barge No. 29 Pipe Lay Barge a/c quarters for 272 420' x 125' x 28'	2 American 65-ton traveling gantry cranes; 5 welding, 1 x-ray, and 2 coating stations; 2 tensioners for up to 72° pipe (including weight coat).	South America
Lay Barge No. 200 Semisubmersible Pipe Lay Barge a/c quarters for 500 554' x 192' x 109'	4 Manitowoc 154-ton traveling gantry cranes; 6 welding, 2 x-ray, and 2 coating stations; 2 tensioners for up to 60° pipe (including weight coat).	North Sea
Jirafa Pipe Bury Barge a/c quarters for 50 180' x 85' x 13'	3 jet pumps 2,300 GPM each at 1,020 PS1; 5 air compressors 1,050 CFM each at 150 PSI; operating capability in 250' water depths for burying up to 36" pipe; jetting sled.	Gulf of Mexico
Jet Barge No. 2 Pipe Bury Barge a/c quarters for 62 300' x 90' x 22'	4 jet pumps 2,300 GPM each at 1,015 PSI; 2 air compressors 1,800 CFM each at 250 PSI; operating capability in 250' water depths for burying up to 48" pipe; jetting sled.	Gulf of Mexico
Jet Barge No. 3 Pipe Bury Barge a/c quarters for 112 344' x 120' x 23'	3 jet pumps 12.500 GPM total capacity at 2.500 PSI; 2 air compressors 2.100 CFM each at 300 PSI; operating capability in 550' water depths for burying up to 60" pipe; jetting sled.	Gulf of Mexico
Jet Barge No. 4 Pipe Bury Barge a/c quarters for 112 344' x 120' x 23'	3 jet pumps 12,500 GPM total capacity at 2,500 PSI; 2 air compressors 2,100 CFM each at 300 PSI; operating capability in 550' water depths for burying up to 60" pipe; jetting sled.	North Sea

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# **Principal Locations**

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## Corporate Headquarters New Orleans, Louisiana (504) 587-4411

## Marine Construction Services

- Equipment and Materials New Orleans, Louisiana
- Harvey Division Dredging Division Harvey Fabrication Division NeDermott Divers Division Manne Pipeline Division Harvey, Louisians
- McDermott Marine Engineering Houston, Texas New Orleans, Lafsyette, Louisiana London, England Singapore Oslo, Norway
- McDermott Shipyarda Morgan City, New Iberta, Louisiana Guifport, Mistiasippi
- McDermott Structural McDermott Fabricators Division Morgan City, Louisiana McDermott Offshore Division Morgan City, Louisiana Bayou Black Division Bayou Black, Louisiana
- Central and South America Rio de Janeiro, Brazil Port of Spain, Trinidad-Tobago
- Middle East Ain Soukhna, Egypt Bombay, Indua Solmiya, Kuwait Doha, Qatar Dhahran, Saudi Arabia Abu Dhabi, Dubai, Ras Al Khaimah, United Arab Emirates
- North Sea Antwerp, Bruasela, Belgium London, England
   Sandruka, Stavanger, Norway Aberdeen, Inverness, Scotland
- Southeast Asia Melbourne, Perth, Sale, Sydney, Australia Kuala Belait, Brunei Balikpepan, Batam Island, Jakarta, Indonesia Kuala Lumpur, Malaysia Miri, Sarawak, East Malaysia Philippines Singapore
- West Africa Lagos, Warri, Nigeria

# Power Generation Systems and Equipment

 Advanced Energy and Environmental Systems Divison Barberton, Ohio

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- Babcock & Wilcox Canada Ltd. Cambridge, Ontario, Canada
- B4W Construction Company Copiey, Ohio
- Bailey Controls Company Wickliffe, Ohio Williamsport, Pennsylvania Burlington, Ontario, Canada Regents Park, New South Wales, Australia Sao Paulo, Brani Snuucka, Japan
- Contract Research Division Alliance, Ohio
- Diamond Power Specialty Company Lancaster, Ohio Burlington, Ontario, Canada Bromma, Sweden Dumbarton, Scouland
- Fossil Power Generation Division Barberton, Ohio
- Fossil Power Manufacturing Division Paris, Texas
   West Point, Nississippi
   Wilmington, North Carolina
- Hudson Products Corporation Beasley, Houston, Texas
- Industrial and Marine Division North Canton, Ohio
- Naval Nuclear Fuel Division Lynchburg, Virginia
- Nuclear Equipment Division Barberton, Ohio
- Nuclear Power Generation Division Lynchburg, Virginia Apollo, Pennsylvania
- Research and Development Division Alliance, Ohio Lynchburg, Virginia
- TLT-Babcock, Inc. Akron, Medina, Ohio

# **Engineered Materials**

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- Insulating Products Division Augusta, Hephnbah, Georgia Burlington, Ontario, Canada Ponce, Puerto Rico
- Tubular Producta Alliance, Ohio Ambridge, Beaver Fails, Pennsyivania Milwaukee, Wisconsin Bryan, Texas

McDermott Incorporated and subsidiaries provide comprehensive engineering, fabrication, and construction services, primarily in a marine environment, to companies engaged in the extraction, transportation, and processing of hydrocarbons.

The Company is also a major manufacturer of specially engineered industrial products and materials with two major fields of activity: power generation systems and equipment, including fossil and nuclear fueled steam generating equipment; and engineered materials such as specialty stee! tubing and refractories.

#### McDERMOTT AND SUBSIDIARIES -

 design, fabricate and install offshore drilling and production platforms, tanker mooring systems, and offshore pipelines

 design and construct onshore and offshore oil and gas production facilities, dehydration plants, oil and gas processing plants, gas compressor stations, onshore tank farms, loading facilities, and petrochemical plants

 provide diving personnel and equipment for underwater services

 build large horsepower tugs and service boats

 engage in dredging, pile driving, and general construction services for marshland and near-shore projects

 design and manufacture air medium process coolers

• have heavy marine construction equipment located in the Gulf of Mexico, West Africa, the North Sea, the Middle East, Southeast Asia, and South America, and maintain operating bases and fabrication yards to support each of these areas

 supply fossil fueled and nuclear fueled steam generating systems and component equipment for stationary and marine applications • supply naval nuclear reactor components

supply nuclear fuel

 produce specialty oil field tubing, steel tubing, extrusions, and rolled rings

 operate as a general contractor for the construction of utility plants and other industrial facilities

 manufacture specialty refractories and ceramic fibers

 manufacture computerized systems for power plant automation and control

• produce boiler cleaning equipment

 manufacture specialty control valves that regulate flow and reduce noise in piping systems

• produce all-metal reflective insulation

1010 Common Street P.O. Box 60035 New Orleans, Louisiana 70160



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