

CONFORMED COPY

LOAN NUMBER 3515-CHA

(Second Shuikou Hydroelectric Project)

between

PEOPLE'S REPUBLIC OF CHINA

and

INTERNATIONAL BANK FOR RECONSTRUCTION
AND DEVELOPMENT

Dated October 20, 1992

LOAN NUMBER 3515-CHA

LOAN AGREEMENT

AGREEMENT, dated October 20, 1992, between PEOPLE'S REPUBLIC OF CHINA (the Borrower) and INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT (the Bank).

WHEREAS: (A) the Borrower, having satisfied itself as to the feasibility and priority of the Project described in Schedule 2 to this Agreement, has requested the Bank to assist in the financing of the Project;

(B) Part A.5 of the Project will be carried out jointly by the Borrower and Fujian Provincial Electric Power Bureau (FPEPB as herein defined);

(C) Parts A.1-A.4 and B of the Project will be carried out by FPEPB with the Borrower's assistance and, as part of such assistance, the Borrower will make available to FPEPB the proceeds of the Loan as provided in this Agreement; and

WHEREAS the Bank has agreed, on the basis, inter alia, of the foregoing, to extend the Loan to the Borrower upon the terms and conditions set forth in this Agreement and in the Project Agreement of even date herewith between the Bank and FPEPB;

NOW THEREFORE the parties hereto hereby agree as follows:

ARTICLE I

General Conditions; Definitions

Section 1.01. The "General Conditions Applicable to Loan and Guarantee Agreements" of the Bank, dated January 1, 1985, with the modifications set forth below (the General Conditions) constitute an integral part of this Agreement:

(a) The last sentence of Section 3.02 is deleted.

(b) In Section 6.02, sub-paragraph (k) is re-lettered as sub-paragraph (l) and a new sub-paragraph (k) is added to read:

"(k) An extraordinary situation shall have arisen under which any further withdrawals under the Loan would be inconsistent with the provisions of Article III, Section 3 of the Bank's Articles of Agreement."

Section 1.02. Unless the context otherwise requires, the several terms defined in the General Conditions and in the Preamble to this Agreement have the respective meanings therein set forth and the following additional terms have the following meanings:

(a) "Affected Persons" means the persons whose residential accommodations and means of livelihood have been adversely affected by the Scheme;

(b) "Charter" means the Charter of FPEPB issued by the Borrower's Ministry of Water Resources and Electric Power on November 16, 1985;

(c) "FPEPB" means the Fujian Provincial Electric Power Bureau, a state-owned enterprise of the Borrower established and operating pursuant to its Charter;

(d) "Prior Loan Agreement" means the Loan Agreement dated January 15, 1987, (Shuikou Hydroelectric Project - Loan No. 2775-CHA) between the Borrower and the Bank, as amended, and, where the context permits, includes the Project Agreement of even date therewith between the Bank and FPEPB;

(e) "Project Agreement" means the agreement between the Bank and FPEPB of even date herewith, as the same may be amended from time to time, and such term includes all schedules and agreements supplemental to the Project Agreement;

(f) "Scheme" means the Shuikou Hydroelectric Scheme described in Part A of Schedule 2 to the Prior Loan Agreement;

(g) "Special Account" means the account referred to in Section 2.02 (b) of this Agreement; and

(h) "Subsidiary Loan Agreement" means the agreement to be entered into between the Borrower and FPEPB pursuant to Section 3.01 (b) of this Agreement, as the same may be amended from time to time, and such term includes all schedules to the Subsidiary Loan Agreement; and "Subsidiary Loan" means the loan provided under the Subsidiary Loan Agreement.

ARTICLE II

The Loan

Section 2.01. The Bank agrees to lend to the Borrower, on the terms and conditions set forth or referred to in the Loan Agreement, various currencies that shall have an aggregate value equivalent to the amount of one hundred million dollars (\$100,000,000), being the sum of withdrawals of the proceeds of the Loan, with each withdrawal valued by the Bank as of the date of such withdrawal.

Section 2.02. (a) The amount of the Loan may be withdrawn from the Loan Account in accordance with the provisions of Schedule 1 to this Agreement for expenditures made (or, if the Bank shall so agree, to be made) in respect of the reasonable cost of goods and services required for the Project described in Schedule 2 to this Agreement and to be financed out of the proceeds of the Loan.

(b) The Borrower shall, for the purposes of the Project, open and maintain in dollars a special deposit account in a commercial bank acceptable to the Bank and on terms and conditions satisfactory to the Bank including appropriate protection against set-off, seizure or attachment. Deposits into, and payments out of, the Special Account shall be made in accordance with the provisions of Schedule 4 to this Agreement.

Section 2.03. The Closing Date shall be December 31, 1996, or such later date as the Bank shall establish. The Bank shall promptly notify the Borrower of such later date.

Section 2.04. The Borrower shall pay to the Bank a commitment charge at the rate of three-fourths of one percent (3/4 of 1%) per annum on the principal amount of the Loan not withdrawn from time to time.

Section 2.05. (a) The Borrower shall pay interest on the principal amount of the Loan withdrawn and outstanding from time to time, at a rate for each Interest Period equal to the Cost of Qualified Borrowings determined in respect of the preceding Semester, plus one-half of one percent (1/2 of 1%). On each of the dates specified in Section 2.06 of this Agreement, the Borrower shall pay interest accrued on the principal amount outstanding during the preceding Interest Period, calculated at the rate applicable during such Interest Period.

(b) As soon as practicable after the end of each Semester, the Bank shall notify the Borrower of the Cost of Qualified Borrowings determined in respect of such Semester.

(c) For the purposes of this Section:

(i) "Interest Period" means a six-month period ending on the date immediately preceding each date specified in Section 2.06 of this Agreement, beginning with the Interest Period in which this Agreement is signed.

(ii) "Cost of Qualified Borrowings" means the cost, as reasonably determined by the Bank and expressed as a percentage per annum, of the outstanding borrowings of the Bank drawn down after June 30, 1982, excluding such borrowings or portions thereof as the Bank has allocated to fund: (A) the Bank's investments; and (B) loans which may be made by the Bank after July 1, 1989 bearing interest rates determined otherwise than as provided in paragraph (a) of this Section.

(iii) "Semester" means the first six months or the second six months of a calendar year.

(d) On such date as the Bank may specify by no less than six months' notice to the Borrower, paragraphs (a), (b) and (c) (iii) of this Section shall be amended to read as follows:

"(a) The Borrower shall pay interest on the principal amount of the Loan withdrawn and outstanding from time to time, at a rate for each Quarter equal to the Cost of Qualified Borrowings determined in respect of the preceding Quarter, plus one-half of one percent (1/2 of 1%). On each of the dates specified in Section 2.06 of this Agreement, the Borrower shall pay interest accrued on the principal amount outstanding during the preceding Interest Period, calculated at the rates applicable during such Interest Period."

"(b) As soon as practicable after the end of each Quarter, the Bank shall notify the Borrower of the Cost of Qualified Borrowings determined in respect of such Quarter."

"(c) (iii) 'Quarter' means a three-month period commencing on January 1, April 1, July 1 or October 1 in a calendar year."

Section 2.06. Interest and other charges shall be payable semiannually on March 15 and September 15 in each year.

Section 2.07. The Borrower shall repay the principal amount of the Loan in accordance with the amortization schedule set forth in Schedule 3 to this Agreement.

Section 2.08. FPEPB is designated as representative of the Borrower for the purposes of taking any action required or permitted to be taken under the provisions of Section 2.02 of this Agreement and Article V of the General Conditions.

ARTICLE III

Execution of the Project

Section 3.01. (a) The Borrower declares its commitment to the objectives of the Project as set forth in Schedule 2 to this Agreement, and, to this end:

(i) shall carry out Part A.5 of the Project, jointly with FPEPB, with due diligence and efficiency and in conformity with appropriate administrative, financial, and engineering practices and shall provide, promptly as needed, the funds, facilities, services and other resources required for such part of the Project; and

(ii) without limitation or restriction upon any of its other obligations under the Loan Agreement, the Borrower shall cause FPEPB to perform all its obligations set forth in the Project Agreement, shall take or cause to be taken all action, including the provision of funds, facilities, services and other resources, necessary or appropriate to enable FPEPB to perform such obligations, and shall not take or permit to be taken any action which would prevent or interfere with such performance.

(b) The Borrower shall relend the proceeds of the Loan to FPEPB, under a subsidiary loan agreement to be entered into between the Borrower and FPEPB, under terms and conditions satisfactory to the Bank including the following: (i) the term of the Subsidiary Loan shall be twenty years, including five years grace, (ii) FPEPB shall pay interest on the principal amount of the Subsidiary Loan withdrawn and outstanding from time to time at a rate equal to the rate payable by the Borrower to the Bank pursuant to Section 2.05 of this Agreement, (iii) FPEPB shall pay to the Borrower a commitment charge on the principal amount of the Subsidiary Loan not withdrawn from time to time at the rate stated in Section 2.04 of this Agreement, and (iv) FPEPB shall bear all foreign exchange risks and shall repay the principal amount of the Subsidiary Loan equivalent to the principal amount of the Loan repayable by the Borrower to the Bank pursuant to Section 2.07 of this Agreement.

(c) The Borrower shall exercise its rights under the Subsidiary Loan Agreement in such manner as to protect the interests of the Borrower and the Bank and to accomplish the purposes of the Loan, and, except as the Bank shall otherwise agree, the Borrower shall not assign, amend, abrogate or waive the Subsidiary Loan Agreement or any provision thereof.

Section 3.02. Except as the Bank shall otherwise agree, procurement of the goods, works and consultants' services required for the Project and to be financed out of the proceeds of the Loan shall be governed by the provisions of Schedule 1 to the Project Agreement.

Section 3.03. The Bank and the Borrower hereby agree that the obligations set forth in Sections 9.04, 9.05, 9.06, 9.07, 9.08 and 9.09 of the General Conditions (relating to insurance, use of goods and services, plans and schedules, records and reports, maintenance and land acquisition, respectively) in respect of the Project shall be carried out by FPEPB pursuant to Section 2.03 of the Project Agreement.

Section 3.04. The Borrower shall in collaboration with FPEPB (a) continue to carry out or cause to be carried out the resettlement program, provided for in Section 3.05 of the Prior Loan Agreement, in a manner satisfactory to the Bank, and (b)(i) undertake an independent evaluation of resettlement (IER), (ii) monitor the IER reports, (iii) take action to accelerate the reestablishment of income and welfare of Affected Persons in problem areas identified in the said reports, and (iv) make funds available to sustain incomes of Affected Persons at adequate levels, acceptable to the Bank, until the said incomes are fully restored.

Section 3.05. The Borrower shall, in collaboration with FPEPB, undertake an environmental action plan, acceptable to the Bank, in a manner satisfactory to the Bank.

ARTICLE IV

Financial Covenants

Section 4.01. (a) The Borrower shall maintain or cause to be maintained records and accounts adequate to reflect in accordance with sound accounting practices the operations, resources and expenditures in respect of the Project of the departments or agencies of the Borrower responsible for carrying out the Project or any part thereof.

(b) The Borrower shall:

(i) have the records and accounts referred to in paragraph (a) of this Section including those for the Special Account for each fiscal year audited, in accordance with appropriate auditing principles consistently applied, by independent auditors acceptable to the Bank;

(ii) furnish to the Bank as soon as available, but in any case not later than six months after the end of each such year, the report of such audit by said auditors, of such scope and in such detail as the Bank shall have reasonably requested; and

(iii) furnish to the Bank such other information concerning said records and accounts and the audit thereof as the Bank shall from time to time reasonably request.

ARTICLE V

Remedies of the Bank

Section 5.01. Pursuant to Section 6.02 (1) of the General Conditions, the following additional events are specified:

(a) FPEPB shall have failed to perform any of its obligations under the Project Agreement.

(b) As a result of events which have occurred after the date of the Loan Agreement, an extraordinary situation shall have arisen which shall make it improbable that FPEPB will be able to perform its obligations under the Project Agreement.

(c) The Charter shall have been amended, suspended, abrogated, repealed or waived so as to affect materially and adversely the ability of FPEPB to perform any of its obligations under the Project Agreement.

(d) The Borrower or any other authority having jurisdiction shall have taken any action for the dissolution or disestablishment of FPEPB or for the suspension of its operations.

Section 5.02. Pursuant to Section 7.01 (h) of the General Conditions, the following additional events are specified:

(a) any event specified in paragraph (a) of Section 5.01 of this Agreement

shall occur and shall continue for a period of sixty days after notice thereof shall have been given by the Bank to the Borrower; and

(b) any event specified in paragraphs (c) and (d) of Section 5.01 of this Agreement shall occur.

ARTICLE VI

Effective Date; Termination

Section 6.01. The following events are specified as additional conditions to the effectiveness of the Loan Agreement within the meaning of Section 12.01 (c) of the General Conditions:

(a) the Subsidiary Loan Agreement has been executed on behalf of the Borrower and FPEPB; and

(b) the Borrower's State Council has approved the Loan Agreement.

Section 6.02. The following are specified as additional matters, within the meaning of Section 12.02 (c) of the General Conditions, to be included in the opinion or opinions to be furnished to the Bank:

(a) that the Project Agreement has been duly authorized or ratified by FPEPB, and is legally binding upon FPEPB in accordance with its terms; and

(b) that the Subsidiary Loan Agreement has been duly authorized or ratified by the Borrower and FPEPB and is legally binding upon the Borrower and FPEPB in accordance with its terms.

Section 6.03. The date ninety (90) days after the date of this Agreement is hereby specified for the purposes of Section 12.04 of the General Conditions.

ARTICLE VII

Representative of the Borrower; Addresses

Section 7.01. Except as provided in Section 2.08 of this Agreement, the Minister of Finance of the Borrower is designated as representative of the Borrower for the purposes of Section 11.03 of the General Conditions.

Section 7.02. The following addresses are specified for the purposes of Section 11.01 of the General Conditions:

For the Borrower:

Ministry of Finance
Sanlihe
Beijing 100820
People's Republic of China

Cable address:

FINANMIN
Beijing

Telex:

22486 MFPRC CN

For the Bank:

International Bank for
Reconstruction and Development
1818 H Street, N.W.
Washington, D.C. 20433
United States of America

Cable address:

Telex:

INTBAFRAD
Washington, D.C.

248423 (RCA)
82987 (FTCC)
64145 (WUI) or
197688 (TRT)

IN WITNESS WHEREOF, the parties hereto, acting through their duly authorized representatives, have caused this Agreement to be signed in their respective names in the District of Columbia, United States of America, as of the day and year first above written.

PEOPLE'S REPUBLIC OF CHINA

By /s/ Zhao Xixin

Authorized Representative

INTERNATIONAL BANK FOR
RECONSTRUCTION AND DEVELOPMENT

By /s/ Gautam S. Kaji

Regional Vice President
East Asia and Pacific

SCHEDULE 1

Withdrawal of the Proceeds of the Loan

1. The table below sets forth the Categories of items to be financed out of the proceeds of the Loan, the allocation of the amounts of the Loan to each Category and the percentage of expenditures for items so to be financed in each Category:

| Category | Amount of the Loan Allocated (Expressed in Dollar Equivalent) | % of Expenditures to be Financed |
|--|--|--|
| (1) Civil works | 44,000,000 | 100% of foreign expenditures |
| (2) Equipment and materials | 40,000,000 | 100% of foreign expenditures, 100% of local expenditures (ex-factory cost) and 75% of local expenditures for other items procured locally |
| (3) Consultants' services and training | 6,000,000 | 100% |
| (4) Unallocated | 10,000,000 | |
| TOTAL | 100,000,000 | |

2. For the purposes of this Schedule:

(a) the term "foreign expenditures" means expenditures in the currency of any country other than that of the Borrower for goods or services supplied from the territory of any country other than that of the Borrower; and

(b) the term "local expenditures" means expenditures in the currency of the Borrower or for goods or services supplied from the territory of the Borrower.

3. Notwithstanding the provisions of paragraph 1 above, no withdrawals shall be made in respect of payments made for expenditures prior to the date of this Agreement, except that withdrawals, in an aggregate amount not to exceed \$5,000,000, may be made in respect of Categories 1, 2 and 3 on account of payments made for expenditures before that date but after December 31, 1991.

SCHEDULE 2

Description of the Project

The objectives of the Project are to assist the Borrower in completing the Shuikou Hydroelectric Scheme and to additionally promote (a) transfer of modern power system technology, (b) power price reform, (c) management training to assist FPEPB to cope with increasing demands placed on it by decentralization, and (d) optimal system expansion.

The Project consists of the following parts, subject to such modifications thereof as the Borrower and the Bank may agree upon from time to time to achieve such objectives:

Part A: Dam and Power Facilities Construction

1. Completion of a 101 meter high concrete gravity dam with associated spillway, powerhouse, and navigation facilities.
2. Supply and installation of seven 200 megawatt generating sets and associated electric and mechanical equipment.
3. Construction and equipping of a substation and a switchyard to connect the power house to the Fujian Province grid.
4. Construction and equipping of a supervisory control and data acquisition (SCADA) system (including a communications system) for the Fujian Province grid.
5. Undertaking environmental management and resettlement of Affected Persons.

Part B: Institutional Development

1. Implementation of an action plan for power tariff reform.
2. Provision of technical assistance and training programs in planning, commercial and financial management and project-related technology and management.
3. Undertaking and completing studies on the reevaluation of hydro-inventory of Fujian Province and system planning and operation.

* * *

The Project is expected to be completed by December 31, 1995.

SCHEDULE 3

Amortization Schedule

| Date Payment Due | Payment of Principal (expressed in dollars)* |
|--|---|
| On each March 15 and September 15 | |
| beginning March 15, 1998 through March 15, 2012 | 3,335,000 |
| On September 15, 2012 | 3,285,000 |

* The figures in this column represent dollar equivalents determined as of the respective dates of withdrawal. See General Conditions, Sections 3.04 and 4.03.

Premiums on Prepayment

Pursuant to Section 3.04 (b) of the General Conditions, the premium payable on the principal amount of any maturity of the Loan to be prepaid shall be the percentage specified for the applicable time of prepayment below:

| Time of Prepayment | Premium |
|---|--|
| | The interest rate (expressed as a percentage per annum) applicable to the Loan on the day of prepayment multiplied by: |
| Not more than three years before maturity | 0.15 |
| More than three years but not more than six years before maturity | 0.30 |
| More than six years but not more than 11 years before maturity | 0.55 |
| More than 11 years but not more than 16 years before maturity | 0.80 |
| More than 16 years but not more than 18 years before maturity | 0.90 |
| More than 18 years before maturity | 1.00 |

Special Account

1. For the purposes of this Schedule:

(a) the term "eligible Categories" means Categories 1, 2 and 3 set forth in the table in paragraph 1 of Schedule 1 to this Agreement;

(b) the term "eligible expenditures" means expenditures in respect of the reasonable cost of goods and services required for the Project and to be financed out of the proceeds of the Loan allocated from time to time to the eligible Categories in accordance with the provisions of Schedule 1 to this Agreement; and

(c) the term "Authorized Allocation" means an amount equivalent to \$5,000,000 to be withdrawn from the Loan Account and deposited in the Special Account pursuant to paragraph 3 (a) of this Schedule.

2. Payments out of the Special Account shall be made exclusively for eligible expenditures in accordance with the provisions of this Schedule.

3. After the Bank has received evidence satisfactory to it that the Special Account has been duly opened, withdrawals of the Authorized Allocation and subsequent withdrawals to replenish the Special Account shall be made as follows:

(a) For withdrawals of the Authorized Allocation, the Borrower shall furnish to the Bank a request or requests for a deposit or deposits which do not exceed the aggregate amount of the Authorized Allocation. On the basis of such request or requests, the Bank shall, on behalf of the Borrower, withdraw from the Loan Account and deposit in the Special Account such amount or amounts as the Borrower shall have requested.

(b) (i) For replenishment of the Special Account, the Borrower shall furnish to the Bank requests for deposits into the Special Account at such intervals as the Bank shall specify.

(ii) Prior to or at the time of each such request, the Borrower shall furnish to the Bank the documents and other evidence required pursuant to paragraph 4 of this Schedule for the payment or payments in respect of which replenishment is requested. On the basis of each such request, the Bank shall, on behalf of the Borrower, withdraw from the Loan Account and deposit into the Special Account such amount as the Borrower shall have requested and as shall have been shown by said documents and other evidence to have been paid out of the Special Account for eligible expenditures.

All such deposits shall be withdrawn by the Bank from the Loan Account under the respective eligible Categories, and in the respective equivalent amounts, as shall have been justified by said documents and other evidence.

4. For each payment made by the Borrower out of the Special Account, the Borrower shall, at such time as the Bank shall reasonably request, furnish to the Bank such documents and other evidence showing that such payment was made exclusively for eligible expenditures.

5. Notwithstanding the provisions of paragraph 3 of this Schedule, the Bank shall not be required to make further deposits into the Special Account:

(a) if, at any time, the Bank shall have determined that all further withdrawals should be made by the Borrower directly from the Loan Account in accordance with the provisions of Article V of the General Conditions and paragraph (a) of Section 2.02 of this Agreement; or

(b) once the total unwithdrawn amount of the Loan allocated to the eligible Categories, less the amount of any outstanding special commitment entered into by the Bank pursuant to Section 5.02 of the General Conditions with respect to the Project, shall equal the equivalent of twice the amount of the Authorized Allocation.

Thereafter, withdrawal from the Loan Account of the remaining unwithdrawn amount of

the Loan allocated to the eligible Categories shall follow such procedures as the Bank shall specify by notice to the Borrower. Such further withdrawals shall be made only after and to the extent that the Bank shall have been satisfied that all such amounts remaining on deposit in the Special Account as of the date of such notice will be utilized in making payments for eligible expenditures.

6. (a) If the Bank shall have determined at any time that any payment out of the Special Account: (i) was made for an expenditure or in an amount not eligible pursuant to paragraph 2 of this Schedule; or (ii) was not justified by the evidence furnished to the Bank, the Borrower shall, promptly upon notice from the Bank: (A) provide such additional evidence as the Bank may request; or (B) deposit into the Special Account (or, if the Bank shall so request, refund to the Bank) an amount equal to the amount of such payment or the portion thereof not so eligible or justified. Unless the Bank shall otherwise agree, no further deposit by the Bank into the Special Account shall be made until the Borrower has provided such evidence or made such deposit or refund, as the case may be.

(b) If the Bank shall have determined at any time that any amount outstanding in the Special Account will not be required to cover further payments for eligible expenditures, the Borrower shall, promptly upon notice from the Bank, refund to the Bank such outstanding amount.

(c) The Borrower may, upon notice to the Bank, refund to the Bank all or any portion of the funds on deposit in the Special Account.

(d) Refunds to the Bank made pursuant to paragraphs 6 (a), (b) and (c) of this Schedule shall be credited to the Loan Account for subsequent withdrawal or for cancellation in accordance with the relevant provisions of this Agreement, including the General Conditions.

