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REG. no. 4121 of 13 August 1993: Instructions for the Power Supply Preparedness Organisation

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Instructions for the Power Supply Preparedness Organisation

1. Introduction

The Norwegian Water Resources and Energy Administration (NVE) is responsible for coordinating the contingency planning and shall manage the nation's power supply system in wartime. For this purpose, a nationwide organisation has been developed - the Power Supply Preparedness Organisation (KBO) - which consists of NVE and the undertakings that are in charge of the power supply system.

When KBO enters into activity in a general alert and assumes responsibility for the nation's power supply system, all power supply units are obligated to comply with directives from higher authorities in KBO. This does not entail any change in the companies' ownership. Each individual company is responsible for its own operations and shall make sure that the generation and distribution system is in the best possible condition.

In connection with the Energy Act's requirements concerning emergency preparedness against natural accidents, technical failure and deliberate damage, KBO may also be utilised to solve problems during peacetime in connection with notification, information and assistance during auxiliary work.

2. KBO's organisation

2.1 National level

The Norwegian Water Resources and Energy Administration with the Norwegian Power Supply System's Central Command (KSL) acting as the executive body.

KSL shall be composed of:

- The Director General of the Norwegian Water Resources and Energy Administration - or the person he authorises - as the head of KBO.
- The Managing Director of Statnett SF - or the person he authorises.
- The Managing Director of Statkraft SF - or the person he authorises.
- Staff from NVE, Statnett and Statkraft.

2.2 Regional level

The Norwegian Power Supply System's Regional Managers (KRS).

KRS is KBO's command unit at the regional level.

The regional managers' geographic areas of responsibility are equivalent to Statnett's division by region, cf. section 3.4.

2.3 County level

The Norwegian Power Supply System's County Representatives (KFR).

KFR is KBO's command unit at the county level.

The county representatives' geographic areas of responsibility are demarcated by the county borders, cf. section 3.8.

2.4 Local level

Generating companies, including the industrial enterprises that are included in KBO.

Distribution companies

3. Area of responsibility

3.1 The Norwegian Power Supply System's Central Command

KSL is the executive body for the administration of the nation's power supply system during wartime. KSL is directly subordinate to the Ministry of Industry and Energy.

KSL manages its own standby installation. The installation's operating and

maintenance expenses are divided between NVE and Statnett.

KSL shall keep the Ministry of Industry and Energy informed about the power supply situation and make recommendations explaining the contingency measures that the situation may require.

In the implementation of levels of preparedness and mandatory preparedness, KSL is responsible for notifying the national administrations of Statnett, Statkraft and Hydro Energi, together with the Norwegian Power Supply System's Regional Managers.

The date for taking over the administration of the nation's power supply system will be determined by the government.

3.2 *Statnett*

Statnett owns the greater part of the country's main grid and is responsible for efficient operation and development of the grid.

When KBO assumes responsibility for the nation's power supply system, Statnett will be directly subordinate to KSL and be KSL's executive body for the regulation of power generation and distribution. When it becomes necessary to make use of power from more than one signed agreement, settlement shall be conducted according to guidelines specified by KSL.

Statnett is in charge of a nationwide control and management network for optimal utilisation of the power generation and transmission system. In order to achieve this - and in order to maintain the balance in the power supply system - Statnett may implement changes in the power companies' power generation programmes.

In the event of disruptions and errors in the main grid, Statnett is responsible for coordinating measures taken in the grid to keep operations running with the least possible damage and to restore normal operating conditions.

3.3 *Statkraft*

Statkraft is a nationwide power generating company, which plays a special role with its large generating potential in the nation's power supply system. Matters shall be arranged so that Statkraft can also maintain its nationwide operational organisation in a general alert. When KBO assumes responsibility for the nation's power supply system, Statkraft's operations will be directly subordinate to KSL.

When it comes to the regulation of power generation, Statkraft, like other companies, shall comply with instructions from Statnett, which is KSL's executive

body in this field. If there is a disruption in the connection between Statkraft's national operations management and Statkraft's regions, the operations of the affected region(s) will be subordinate to the Norwegian Power Supply System's Regional Managers (KRS).

If there is also a disruption in the connection to KRS, the operations of affected regions will be subordinate to the Norwegian Power Supply System's County Representatives (KFR) in the county where the regional head office is located.

3.4 *The division by region - regional managers*

KBO has a nationwide division by region that corresponds to Statnett's division by region into three regions. Statnett's three regional managers are included in KBO and have expanded authority in an emergency situation as the Norwegian Power Supply System's Regional Managers (KRS).

The Norwegian Power Supply System's Regional Managers are appointed by NVE.

The Southern Norway Region includes the city of Oslo and the counties of Østfold, Akershus, Hedmark, Oppland, Buskerud, Telemark, Vestfold, Aust-Agder, Vest-Agder, Rogaland, Hordaland and Sogn og Fjordane.

The Central Norway Region includes the counties of Møre og Romsdal, Sør-Trøndelag and Nord-Trøndelag and Nordland county south of the Salten district.

The Northern Norway Region includes Nordland county north of the Salten district and Troms and Finnmark counties.

KRS is KBO's command unit at the regional level.

In a general alert, KRS shall manage the power supply system within its area of responsibility in accordance with directives from KSL and the priorities of the respective county governors in charge of regional emergency preparedness. Efforts will be made, however, to maintain the national administration of the nation's power supply system as long as possible. When contingency measures are implemented, the regional managers are responsible for notifying the Norwegian Power Supply System's County Representatives. In Nordland County, which is divided between the Central Norway Region and the Northern Norway Region - KRS shall notify the county representative in the latter region.

KRS shall carry out operational functions through Statnett's regional control centres.

Without intervening in the individual power company's administration and

responsibility, KRS shall help see that, in major accidents and/or disasters during peacetime, the power supply system's resources in the region are utilised in an appropriate way in connection with tasks such as notification and coordination of auxiliary work (peacetime preparedness).

3.5 The division by county - county representatives

The Norwegian Power Supply System's County Representatives (KFR) shall be appointed in all counties. The city of Oslo and the County of Akershus - which share a common County Governor - shall each have their own county representative. The Norwegian Power Supply System's County Representatives are appointed by NVE.

In a general alert, KFR shall manage the power supply system in the county in accordance with directives from higher authorities in KBO and the county governor's priorities. As in peacetime, the coordination of the generation and transmission of power shall be carried out at the national level and at the regional level as long as the connection can be maintained.

When it comes to the county representatives' operational responsibility and authority to Statkraft's regions during a disruption of the connection with the central level, cf. the specifications in section 3.3, Statkraft's tasks.

In the implementation of contingency measures, KFR is responsible for notifying the subordinate companies, with the exception of Norsk Hydro's power stations, which are notified through KSL, cf. section 3.1. KRF is KBO's command unit at the county level.

In the counties where the county governor is also a county governor in charge of regional emergency preparedness (LBFM), KFR shall be the regional manager's liaison with LBFM on this wartime staff in addition to its duties as county representative.

Without intervening in the individual power company's administration and responsibility, KFR shall help see that, in major accidents and/or disasters during peacetime, the power supply system's resources in the county are utilised in an appropriate way in connection with tasks such as notification and coordination of auxiliary work (peacetime preparedness).

3.6 Generating companies

When KBO assumes responsibility for the nation's power supply system, all generating companies except for Statkraft will be subordinate to KFR and obligated to comply with directives from this organisation. As a nationwide enterprise, Statkraft

will be directly subordinate to KSL.

Insofar as it is possible, the power generators shall maintain normal operation and meet the agreements, contracts etc. that have been signed. When it becomes necessary to make use of power from different contracts and/or agreements that have been signed during peacetime, settlement shall be conducted pursuant to provisions specified by KSL.

For peacetime preparedness, the power generating companies shall implement the necessary contingency measures and contingency tasks.

3.7 *Distribution companies*

When KBO assumes responsibility for the nation's power supply system, the distribution companies will be subordinate to KFR and obligated to comply with directives from this organisation.

The distribution companies shall collaborate with the municipality/municipalities in the supply area and follow the priorities that are specified with regard to power deliveries during a shortage whenever this is practically possible.

When there are several municipalities in the supply area and their priorities cannot be met without a conflict of interest, the matter will be discussed with KFR, which then submits it to the county governor for a decision.

For peacetime preparedness, the distribution companies shall implement the necessary contingency measures and contingency tasks.

3.8 *Zone offices' and/or branch offices' organisational affiliation*

In an emergency situation, a power company's zone offices or corresponding branch offices located in other counties shall be subordinate to the Norwegian Power Supply System's County Representatives in the county where the company has its head office.

4. Detailed instructions

Pursuant to these instructions, NVE may prepare necessary detailed instructions.

These detailed instructions shall be submitted to the Emergency Planning Council for the Norwegian Power Supply System.

5.

These instructions will enter into force on 15 August 1993.