



Scheme Funding Report

31 March 2019

Springfields Fuels 2 Section of the Combined
Nuclear Pension Plan

11 November 2020



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1 Introduction

This report has been prepared for the Trustee of the Springfields Fuels 2 Section of the Combined Nuclear Pension Plan (the “Section”) at their request and sets out the results of the actuarial valuation at 31 March 2019

The purposes of this report are to determine:

- whether the Section had sufficient assets to meet its Technical Provisions (i.e. the Trustee’s funding objective);
- the solvency position of the Section; and
- the position on a s179 basis.

Separately I have provided advice to the Trustee to assist in the review of the Statement of Funding Principles, Schedule of Contributions and Recovery Plan.

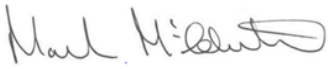
This report builds on:

- My advice on the;
 - Demographic assumptions in my paper for the Trustee meeting held on 11 July 2019 and 5 June 2020;
 - Pensionable Earnings assumption in my paper for the Trustee meeting held on 16 September 2019, 12 June 2020 and 17 August 2020;
- Financial assumptions in my papers for the Trustee meetings held on 13 December 2019, 20 February 2020, 12 May 2020, 5 June 2020, 3 July 2020, 6 August 2020 and 14 October 2020.
- The results paper provided for the Trustee meetings held on 13 December 2020, 20 February 2020, 12 May 2020, 5 June 2020, 3 July 2020, 6 August 2020 and 14 October 2020.
- The Statement of Funding Principles, Schedule of Contributions, and Recovery Plan each dated 28 October 2020.

This report has been prepared in accordance with Technical Actuarial Standards 100 (Principles for technical actuarial work) and 300 (Pensions) issued by the Financial Reporting Council, and peer reviewed in accordance with Actuarial Professional Standard X2.

This report may not be relied on for any purpose other than those explained above. The funding valuation is not relevant for any other purposes, and in particular is not relevant to the costs and liabilities of the Section to be disclosed by the Employer in its accounts.

A glossary of defined terms can be found in the Glossary in Appendix K.

Signature 	Date 11 November 2020
Name Mark McClintock	Qualification Fellow of the Faculty and Institute of Actuaries

2 Summary of results

At the Valuation Date, there was a deficit of £41,933,000. This is a deterioration since the last valuation when the deficit was £9,960,000.

The Trustee's funding objective in its Statement of Funding Principles is to hold sufficient and appropriate assets to cover its Technical Provisions.

The table below sets out the funding position at 31 March 2019 compared to the position three years earlier.

The Technical Provisions have been calculated using assumptions agreed between the Trustee and the Employer and documented in the Statement of Funding Principles.

£000's	31 March 2019	31 March 2016
Assets	164,619	92,820
Technical Provisions		
- Active members	151,620	86,182
- Deferred members	19,915	7,026
- Pensioner members	30,229	9,572
- Expenses	4,788	-
Total Technical Provisions	206,552	102,780
Surplus/(Deficit)	(41,933)	(9,960)
Funding level	80%	90%

As there is a deficit, a Recovery Plan has been agreed between the Trustee and Employer to pay the following Deficit Reduction Contributions.

Deficit Reduction Contributions	Payment amount £000's p.a.
1 April 2019 to 31 March 2020	1,400
1 April 2020 to 31 March 2021	4,400
1 April 2021 to 31 March 2022	8,200
1 April 2022 to 31 March 2023	8,700
1 April 2023 to 31 March 2024	9,400
1 April 2024 to 31 March 2025	10,300
1 April 2025 to 30 June 2025	2,700

In respect of future service, the following contribution rates have been agreed:

Future contributions	1 April 2019 to 30 June 2020	From 1 July 2020
	% Pensionable Earnings	% Pensionable Earnings
Employer contribution rate	35.9%	53.7%
Member contributions rate	5%	5%

Between 1 April 2019 and 30 June 2020, there was an underpayment against the cost of accrual and the Employer has agreed to address this shortfall through a lump sum of £5,900,000 during November 2020.

The Employer also pays the expenses of operating the Section.

The Employer and the Trustee have agreed a mechanism to calculate the funding impact on the Section's liabilities caused by increases to Pensionable Earnings, the salary linkage top-up liability (see Glossary for definition) and the impact from redundancies.

After each 31 March, an assessment will be completed on the funding impact of from each section of the mechanism. If the results show that additional contributions are required, these shall be payable over a 12-month period starting from 1 October after each assessment date. Any amount to be payable will be agreed between the Employer and the Trustee, with the Scheme Actuary acting on behalf of the Trustee.

The assessment of the increase in the salary linkage top-up liability in the year to 31 March 2020 is complete and the agreed Employer contributions in respect of these benefits are shown in the table below. Additional contributions payable after the 31 March 2021 assessment will be payable in the 12 months from 1 October 2021.

Salary linkage top-up contributions	Payment amount £000's
1 April 2019 to 30 September 2019	20.833 per month
1 October 2019 to 30 September 2020	500 p.a.
1 November 2020 to 31 October 2021	600 p.a.

If experience is in line with the Technical Provisions assumptions, the Section's assets deliver the return assumed in the Recovery Plan, and contributions are paid in line with the Schedule of Contributions, I estimate that the funding level at the date of the next valuation at 31 March 2022 will be 89%. However, the position is inherently uncertain and I would expect the funding position to be volatile due to (i) the exposure to growth assets and (ii) difference in inflation and interest rate sensitivity of the assets and liabilities.

3 Experience since the last valuation

The key reasons for the change in funding position are:

- A decrease in government bond yields and an increase in inflation expectations that have resulted in a lower discount rate, higher inflation assumption and an increase in the Technical Provisions
- Pensionable Earnings increases have been higher than assumed.
- The financial assumptions target a self-sufficiency basis by 31 March 2018, which has decreased the discount rate relative to the basis at the previous valuation and increased the Technical Provisions

The impact of these factors have been offset by:

- Investment performance of the Section's assets has been better than expected
- Changes in the salary growth assumption to take into account that general Pensionable Earnings increases are assumed to be capped at 1% p.a.
- Deficit contributions paid by the employer
- Rectification of pensions in payment following an error identified relating to the salary linkage top-up benefits

Over the inter-valuation period the following contributions have been paid, in line with the previous Schedule of Contributions:

£000's	Employer contributions	Employee contributions
Year 1	10,208	1,697
Year 2	17,013	1,667
Year 3	12,072	1,482
Total	39,293	4,846

The annual investment return on the Section's assets equated to approximately 9.0%.

The Section has become increasingly mature based on membership numbers at the Valuation Date, with 11% of members now deferred and 28% pensioners,

compared to 10% and 15% at the last valuation. Due to redundancies after the Valuation Date, the proportion of deferred and pensioner members has increased.

Over the inter-valuation period the deficit has increased from £9,960,000 to £41,933,000. The most significant events over this period that have materially impacted the funding position of the Section are:

- the Employer has entered into discussions with the membership to cap general Pensionable Earnings increases to 1% p.a.
- Covenant advice has highlighted that the strength of the covenant is expected to decline over the period to 2028. In response to this, the Technical Provisions basis was adjusted to assume that the basis agreed at the 31 March 2016 valuation will taper to a self-sufficiency basis by 31 March 2028.

There were also a couple of events that have had a minor impact on the Technical Provisions:

- Following an audit of the members' benefit calculations, an error was identified in relation to the salary linkage top-up benefits. An investigation into the benefits for all pensioner members was conducted and the affected members were informed of the impact at the end of 2019. The salary linkage top-up benefits for c.75 pensioners were rectified with the majority of the members seeing a reduction in their pension. The rectification produces an overall reduction to the pensions in payment and a small funding gain.

An exercise to assess whether any similar errors to the salary linkage top-up benefits have occurred for deferred members and members who have transferred out of the Section is to be completed in due course.

- Since the Valuation Date, over 100 active members have been made redundant and allowance for this is included within the value of the liabilities. A significant proportion of the redundancies was in respect of members who were already over or close to their Normal Pension Ages and the impact on the Technical Provisions is not material.

		£000's
Surplus/(Deficit) at 31 March 2016		(9,960)
Interest on the surplus/(deficit)		(1,164)
Investment returns above/(below) expected		19,834
Deficit and salary linkage contributions paid by the Employer including interest		5,858
Change in market conditions		(48,583)
Changes to Statement of Funding Principles		(8,739)
Salary increases above the assumption at the 31 March 2016 valuation		(814)
Pension increases (in payment and deferment)		(11)
Impact on the rectification exercise for pensioners in respect of the salary linkage top-up benefit		893
Experience		753
Surplus/(Deficit) at 31 March 2019		(41,933)

GMP equalisation

On Friday 26 October 2018, the High Court ruled in the Lloyds Banking Group case that schemes must equalise benefits for the differences in Guaranteed Minimum Pensions (GMPs) between men and women. GMPs were earned until April 1997 in schemes that were “contracted out” of the SERPS state pension.

On 17 May 1990, the judgment in the “Barber” court case ruled that pensions provided by schemes had to be equalised between men and women going forward; from that date, schemes had an obligation to provide men and women with a pension that was payable from the same Normal Retirement Age. However, the GMP element of the overall pension continued to be payable from different ages in accordance with the Government’s prescribed approach to calculating GMP.

The Lloyds Bank judgment means that schemes now also need to equalise benefits for the differences in GMP. The judgment applies to GMP earned between 17 May 1990 (the date of the Barber judgment) and 5 April 1997 (when GMP accrual ceased).

The main implication of the court ruling will be to increase the liabilities in respect of pension payments going forward and arrears for pensions paid in the past. The Section does not have any GMP and is not affected by GMP equalisation.

4 Risk and uncertainty

The funding position of the Section is exposed to a number of risks, which are managed and monitored by the Trustee

To the extent that these risks appear, this will cause volatility in the funding position of the Section, and could mean that additional (or lower) contributions are needed to fund the Section.

Covenant risk: A reduction in the strength of the covenant leads to an increased risk that the Employer will not be able to make good any deficit that may emerge in the future or the risk that the Employer will not be able to pay the expenses associated with the day to day running of the Section. In the event that the financial strength of the Employer becomes weaker, the Trustee will need to consider whether the level of investment risk in the Section is appropriate for the reduced covenant strength, and the affordability of the contributions for the Employer.

The Trustee regularly monitors the strength of the covenant. The covenant advisors have assessed that the current covenant is 'slightly strong', however, it is expected that a large proportion of the Employer's revenues are to decline or cease by 2028. In light of this, the Trustee has set a prudent funding basis that targets a self-sufficiency basis by 31 March 2028.

Investment risk: The investment strategy has an exposure to higher risk growth assets (i.e. a growth portfolio of c. 45% of assets). By taking additional investment risk, investors in growth assets expect to be compensated with higher longer-term returns than matching assets. In the shorter term, the price of growth assets is expected to be more volatile than matching assets. In the event of falling growth asset prices, this could lead to an emerging deficit that will need to be funded by the Employer.

The Trustee regularly considers the appropriateness and inherent risks of the investment strategy in co-ordination with their investment consultant

Interest rate and inflation risk: To the extent that there is a mismatching of the interest rate or inflation sensitivity of the assets and liabilities, either a surplus or deficit may arise when interest rates and inflationary expectations change.

The Section's assets are expected to hedge c. 59% of interest rate risk.

Longevity risk: There is a risk that members live longer than anticipated, and therefore the cost of providing the benefits is higher than expected.

The Section does not hold assets to hedge longevity risk. To the extent that members live longer than expected, this could lead to an emerging deficit in future. The proposed assumptions include a deliberate margin for prudence to help protect against this risk. As Scheme Actuary I regularly keep the Trustee updated on developing trends in longevity

Member selection risk: There is a risk that member experience is not as expected e.g. members do not commute pension at retirement for a cash lump sum.

The Trustee reviews experience at each actuarial valuation, and any significant deviations from the assumptions are reflected in my proposed assumptions for the actuarial valuation

Legislative risk: There is a risk that new legislation or court rulings could change the benefits that must be paid to members and/or the way in which these benefits must be funded.

As Scheme Actuary, I keep the Trustee up to date on changes in legislation which may impact funding levels and the cost of benefits

The Trustee is aware that the only way to remove all risks is to secure all the liabilities with an insurance company.

5 Sensitivities

The results of the funding valuation are sensitive to the choice of assumptions

Change to assumption	Change in Technical Provisions (£000's)	Surplus / (Deficit) (£000's)
Technical provisions at 31 March 2019	-	(41,933)
0.5% pa decrease in the pre and post retirement discount rate	27,781	(69,714)
0.5% pa decrease in the pre retirement discount rate	7,209	(49,142)
0.5% pa decrease in the post retirement discount rate	19,850	(61,783)
0.5% pa increase in the RPI inflation assumption (and corresponding increase to other inflation-linked assumptions excluding Pensionable Earnings growth)	20,325	(62,257)
10% reduction to the mortality scaling factors	6,011	(47,944)
Impact of adjusting long-term trend rate in future improvements in mortality by 0.25% pa	2,665	(44,598)
10% fewer members commute the maximum amount pension at retirement	1,239	(43,172)

The sensitivities to the discount rate assume that the entire tapered discount rate curve changes by 0.5%.

The scenarios considered are not worst or best case scenarios, and have been applied in isolation. The solvency position discussed in Section 6 is also highly sensitive to all but the last of the factors outlined above.

6 Solvency position

At the Valuation Date, I estimate that the Section was 58% funded on a solvency basis

This is a comparison of the value of the assets with an estimate of the cost of winding up the Section and purchasing annuities from an insurance company which would be sufficient to meet the accrued liabilities in full.

I have estimated the cost of annuities using assumptions that I understand are similar to those used by insurance companies at the Valuation Date. These assumptions are more conservative than those used to calculate the Technical Provisions, and include an explicit allowance for expenses, leading to a higher liability value.

£000's	31 March 2019	31 March 2016
Assets	164,619	92,820
Solvency liabilities		
- Active members	216,740	183,236
- Deferred members	25,110	15,149
- Pensioner members	33,636	14,230
- Expenses	8,265	6,378
Total solvency liabilities	283,751	218,993
Surplus/(Deficit)	(119,132)	(126,173)
Funding level	58%	42%

The estimate above must be viewed only as a guide. The actual solvency position could only be established by obtaining quotes from insurers, and the cost is likely to vary between insurers.

The estimated solvency funding level at the previous valuation date was 42%. The improvement was due to strong investment performance and a change in the derivation of the assumptions as insurers' pricing basis is less expensive than that assumed at the 31 March 2016 actuarial valuation.

If the Section is wound up, the Section would have insufficient assets to secure benefits in full without additional funding from the Employer. If the Employer is not able to make those payments and becomes insolvent, the Section may be eligible

for compensation from the PPF, if the Section's assets could not secure at least the PPF level of compensation from an insurer.

If experience is in line with the solvency assumptions, the Section's assets deliver the return assumed in the Recovery Plan, and contributions are paid in line with the Schedule of Contributions, I estimate that the solvency level at the date of the next valuation at 31 March 2022 would be 64%.

7 s179 valuation

At the Valuation Date, I estimate that the Section was 92% funded on a s179 basis

It is requirement for schemes to carry out a s179 valuation at least every 3 years, and the results submitted to the Pension Protection Fund ("PPF") via Exchange. The purpose of the valuation is to determine the risk-based part of the PPF levy that is payable in future years.

The most recent s179 valuation of the Section was carried out at 31 March 2016. I have performed the valuation at 31 March 2019, to coincide with the date of triennial funding valuation, and have prepared the necessary certificate, which is contained in Appendix J.

£000's	31 March 2019	31 March 2016
Assets	164,619	92,820
S179 liabilities		
- Active members	135,511	87,566
- Deferred members	15,660	7,652
- Pensioner members	22,583	9,854
Expenses		
- On Windup	3,237	2,551
- Installation & Payment	1,064	1,112
Total S179 liabilities	178,055	108,735
Surplus/(Deficit)	(13,436)	(15,915)
Funding level	92%	85%

The approach for carrying out a s179 valuation is prescribed by the PPF. The in force valuation guidance at the valuation is version G8, using the assumptions contained in assumptions guidance version A9 using market conditions as at the Valuation Date.

8 Developments since the valuation and next steps

There has been considerable market volatility since the Valuation Date and this is likely to continue given the effect of Covid-19 on the global economy.

Developments since the valuation

Since the Valuation Date, equity markets have fallen significantly due to the Covid-19 pandemic and the effect on the economy. There has been some recovery in equity values but asset prices remain below their position at the Valuation Date.

Gilt yields and inflation expectations have also fallen and the net impact will have had a negative impact on the Section's funding position.

The Trustee should consider whether the market volatility or any changes to the employer covenant will warrant revisiting the Statement of Funding Principles. However, despite the impact of the post valuation experience, I do not recommend that the next actuarial valuation date is brought forward from 31 March 2022 unless there has been a material impact in the employer covenant.

Next steps

Following receipt of this report the Trustee should:

- Send a copy of this report to the Employer within 7 days;
- Submit the results and Recovery Plan to the Pensions Regulator (already completed); and
- Provide a summary funding statement to members within a reasonable period.

An actuarial update of this valuation is due with an effective date of 31 March 2020, and the next full actuarial valuation is due at 31 March 2022.

The Pensions Regulator expects the Trustee to act as unsecured creditors of the Employer and therefore the Trustee should monitor the activities of the Employer that may impact upon its ability to fund the Section and hence the security of members' benefits.

The Trustee should regularly monitor the strength of the covenant of the Employer to their pension scheme, particularly in light of the current economic climate.

Appendices



A Funding approach and assumptions

The Trustee has selected the Projected Unit funding method, which is an accrued benefits funding method.

The Trustee and Employer have selected the assumptions below, which are shown against those chosen by the Trustee at the previous valuation. These assumptions have been documented in the Statement of Funding Principles.

Technical Provisions	31 March 2019	31 March 2016
Discount rate	<p>Pre-retirement: 2.85% p.a. tending to 1.85% p.a. by 31 March 2028</p> <p>Post-retirement: 2.10% p.a. tending to 1.85% p.a. by 31 March 2028</p> <p>(The single equivalent discount rate of the above assumptions is 2.0% p.a.)</p>	<p>Pre-retirement: 3.85% p.a.</p> <p>Post-retirement: 2.80% p.a.</p>
Retail Prices Index (RPI) inflation	3.60% p.a.	3.05% p.a.
Consumer Prices Index (CPI) inflation	2.60% p.a.	2.05% p.a.
Salary increases	1.00% p.a. Plus promotional salary scale	2.55% p.a. Plus promotional salary scale
Inflation-linked pension increases in payment	3.60% p.a.	3.05% p.a.
Post-retirement mortality	100% SAPS S3 All Pensioners YoB and CMI 2018 projections with a long term trend of 1.75% p.a.	100% SAPS S2 All Pensioners YoB and 2015 CMI projections with a long term trend of 1.25% p.a.
Pre-retirement mortality	Same as post-retirement mortality	Same as post-retirement mortality
Retirement	Age 60 or 65 as applicable to specific members	Age 60 or 65 as applicable to specific members
Withdrawal from active service	Withdrawal scale applied	Withdrawal scale applied
Proportion married	Based on scheme specific experience	Based on scheme specific experience

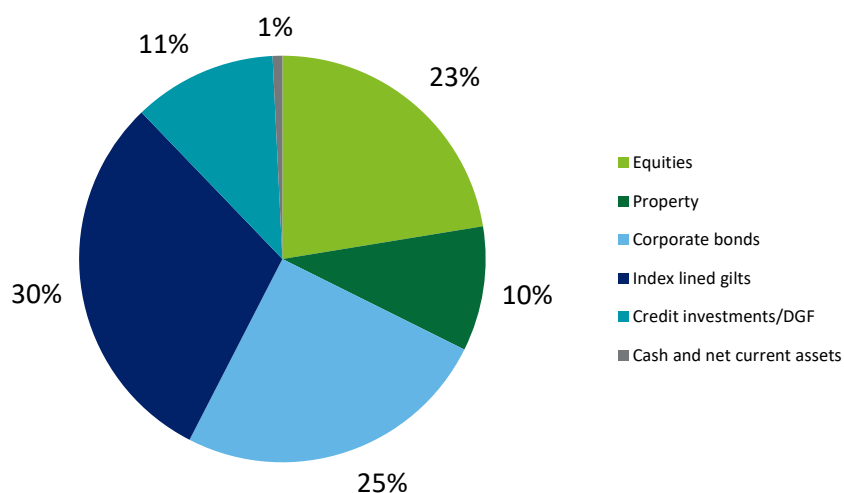
Technical Provisions	31 March 2019	31 March 2016
Age difference	Males 3 years older than females	Males 3 years older than females
Cash commutation	80% of members assumed to commute the maximum amount of tax free cash	81% max of members assumed to commute the maximum amount of tax free cash
GMP equalisation	None	None
Expenses	No allowance until 31 March 2028 £150,000 p.a. at the current date, increasing with RPI inflation but only payable from the Section from 1 April 2028	No allowance

My estimate of the solvency position was based on the following assumptions:

Solvency	31 March 2019	31 March 2016
Discount rate	BoE 20 year gilt yields for post-retirement and less 0.5% for pre-retirement at all durations Pre-retirement 1.10% Post-retirement 1.60%	BoE 20 year gilt yields for less 0.5% for pensioners and less 1.0% for non-pensioners at all durations Non-pensioners 1.30% Pensioners 1.80%
Retail Prices Index (RPI) inflation	BoE 20 year spot rate 3.60%	BoE 20 year spot rate 3.25%
Consumer Prices Index (CPI) inflation	Equal to RPI inflation	Equal to RPI inflation
Inflation-linked pension increases in payment and in deferment	No reduction from assumed RPI inflation rate 3.60% p.a.	No reduction from assumed RPI inflation rate 3.25% p.a.
Post-retirement mortality	90% of S3Px tables, CMI 2018 projections with a 2.0% long term rate of improvement	90% of S2Px tables, CMI 2014 projections with a 2.0% long term rate of improvement
Pre-retirement mortality	Same as post-retirement mortality	Same as post-retirement mortality
Retirement	Age 60 or 65 as applicable to specific members	Age 60 or 65 as applicable to specific members
Proportion married	Based on scheme specific experience	85%
Age difference	Males 3 years older than females	Males 3 years older than females
Cash commutation	No allowance	No allowance
GMP equalisation	None	None
Expenses	3% of liabilities	3% of liabilities

B Assets

I have used an asset value of £164,619,000. This is based on the audited value in the Trustee's Report and Accounts, excluding Defined Contribution assets.



The asset allocation is consistent with the investment strategy set out in the Statement of Investment Principles. At the Valuation Date, the Section had a target of 45% in Growth assets and 55% in Bond assets.

C Membership data

The calculations have been based on individual membership data as at 31 March 2019 provided by the administrator EQ.

I have not audited the data, but I have taken reasonable steps to satisfy myself that the data is of adequate quality for the purpose of the valuation. I am satisfied with the internal consistency of the data, but cannot accept any responsibility for errors or omissions in the underlying data.

Deferred pensions are shown at date of leaving, and average ages are weighted by liability at the Valuation Date. The active membership data include those members who were active at the Valuation Date but who were made redundant in the 12 months to 31 March 2020.

Active	31 March 2019	31 March 2016
No. members	684	863
Total pensionable salary	£28,884,000	£33,986,000
Average age	51.0	50.5

Deferred	31 March 2019	31 March 2016
No. members	128	109
Total deferred pension	£404,000	£232,000
Average age	53.6	53.5

Pensioners and dependants	31 March 2019	31 March 2016
No. members	318	172
Total pensions in payment	£757,000	£327,000
Average age	61.1	60.3

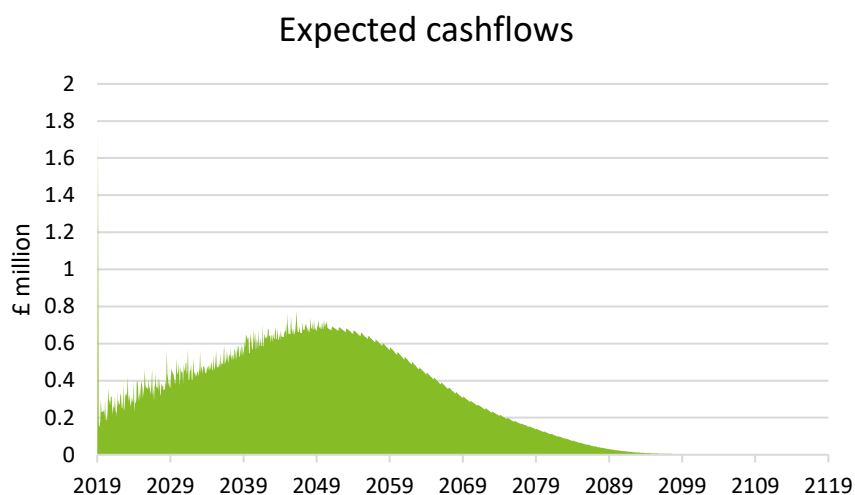
The membership numbers above vary slightly from those outlined in the audited Trustee's Report and Accounts as at 31 March 2019 due to membership movements that occurred around the Valuation Date.

D Expected cashflows

In order to calculate the Technical Provisions, the benefits paid out by the Section are estimated for each year into the future. A present value is then placed on the estimated benefit payments using the discount rate.

Since these cashflows are in respect of pension payments to be made over many years into the future, they are long term and uncertain in nature.

The chart below shows the expected future monthly cashflows out of the Section from 31 March 2019.



E Benefit summary

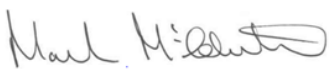
This Report has been based upon benefits described in the Trust Deed and Rules.

Except where stated in the Report, no allowance has been made for any discretionary benefits or discretionary increases to benefits.

F Certificate of Technical Provisions

Name of Section: Springfields Fuels 2 Section of the Combined Nuclear Pension Plan

I certify that, in my opinion, the calculation of the Section's Technical Provisions as at 31 March 2019 is made in accordance with regulations under Section 222 of the Pensions Act 2004. The calculation uses a method and assumptions determined by the Trustee of the Section and set out in the Statement of Funding Principles dated 28 October 2020.

Signature	
Name	Mark McClintock
Date	31 October 2020
Name of employer	Deloitte Total Reward and Benefits Limited
Address	Lincoln Building, 2-45 Great Victoria Street, Belfast, BT2 7SL
Qualification	Fellow of the Institute and Faculty of Actuaries

G Statement of Funding Principles

Statement of Funding Principles

Springfields Fuels 2 Section of the Combined Nuclear Pension Plan

As part of the actuarial valuation of the Springfields Fuels 2 Section ("the Section") of the Combined Nuclear Pension Plan ('the Plan') as at 31 March 2019, the Trustee has reviewed their Statement of Funding Principles. The statement has been updated to reflect:

- the Trustee's assessment of the Employer (Springfields Fuels Limited) covenant;
- changes in financial market conditions; and
- demographic publications since the last actuarial valuation as at 31 March 2016.

This statement, dated 28 October 2020, has been agreed between the Trustee of the Scheme and the Nuclear Decommissioning Authority ("the Lead Company") as required by section 223 of the Pensions Act 2004.

The actuarial valuation of the Plan as at 31 March 2019 will be carried out on the basis of these principles.

The Trustee took advice from the Scheme Actuary, Mark McClintock FIA, before drafting this statement.

The statutory funding objective

This statement sets out the Trustee's policy for ensuring that the Statutory Funding Objective¹ is met.

The Trustee will carry out their obligations under the Pensions Act 2004 and this Statement of Funding Principles. They will hold discussions with the Lead Company to obtain agreement to this statement and any changes to it. Assumptions will be selected to be sufficiently prudent to ensure that both pensions and benefits already in payment to beneficiaries will continue to be paid, and to reflect the commitments which arise out of all members' accrued rights.

The assumptions selected will provide an approximate margin for adverse deviation, taking into account any expected changes in the relevant risks, in particular the risks that, for whatever reasons, the Employer may not be able to pay contributions or make good deficits on time. This may be related but not restricted to the following risks:

- the investments under-perform;
- the investments do not otherwise increase in line with the liabilities;
- inflation rates are higher than expected; and
- retired members live longer than anticipated

Funding objectives in addition to the statutory funding objective

The Plan has no funding objectives other than the statutory funding objective described above, which targets a self-sufficient funding position by 31 March 2028.

¹ The Statutory Funding Objective is defined in Section 222 of the Pensions Act 2004. Every scheme must have sufficient and appropriate assets to cover its Technical Provisions.

Method and assumptions to be used in calculating the Plan's Technical Provisions

Method

The Section's Technical Provisions will be calculated, as required by the Pensions Act 2004, using an "accrued benefits funding method", and the method used is the Projected Unit Method with a 3 year control period, building an allowance for future assumed pay increases into the past service liabilities.

This method is considered appropriate for a scheme which provides benefits calculated on a final pay basis. As the Section is closed to defined benefit new joiners, it is recognised by the Trustee and the Lead Company that using a control period of this length will almost certainly result in an increase in the contribution rate at future valuations.

Assumptions

The principal assumptions used in calculating the Technical Provisions will be determined as outlined below. Alongside each assumption we show the figure used in the valuation as at 31 March 2019. These figures have been derived from market rates as at the valuation date.

Assumption	Derivation	Assumption used
Pre-retirement Discount rate	<p>The assumption is based on the yield available on fixed interest gilts with a similar duration to the Section's liabilities plus an allowance for the higher return that would be expected from growth assets after an allowance for prudence.</p> <p>Consideration has been given to the level of growth assets as a percentage of the non-pensioner liabilities.</p> <p>The discount rate is assumed to reduce uniformly between the valuation date and 31 March 2028 in line with the long-term funding target of self-sufficiency to reflect the expected de-risking of the investment strategy.</p>	<p>2.85% p.a. tending to 1.85% p.a. by 31 March 2028</p> <p>(Bank of England 20 year gilt yield plus 1.25% tending to Bank of England 20 year gilt yield plus 0.25% by 31 March 2028)</p>
Post retirement discount Rate	<p>It is selected by inspection of the yields available on fixed interest gilts with a similar duration to the Section's liabilities with an allowance for corporate bond outperformance above the yield on gilts.</p> <p>The discount rate is assumed to reduce uniformly between the valuation date and 31 March 2028 in line with the long term funding target of self-sufficiency to reflect the expected de-risking of the investment strategy.</p>	<p>2.10% p.a. tending to 1.85% p.a. by 31 March 2028</p> <p>(Bank of England 20 year gilt yield plus 0.5% tending to Bank of England 20 year gilt yield plus 0.25% by 31 March 2028)</p>
RPI Inflation	<p>The assumed rate of RPI price inflation will be assessed by reference to the Bank of England's UK implied inflation spot curve data (using duration appropriate to the Section's liabilities). An adjustment could be considered to allow for a possible inflation risk premium, reflecting the high demand for index linked gilts distorting the Bank of England's market based calculation.</p>	<p>3.60% p.a.</p> <p>(Bank of England 20 year inflation data with no inflation risk premium)</p>

Assumption	Derivation	Assumption used
CPI Inflation	Assessed by the rate of RPI inflation less a deduction to take account of the differences in the method of calculation, goods covered in the indices and the historical rates of RPI and CPI inflation.	2.60% p.a. (being 1.00% p.a. below the RPI inflation assumption)
Increases to Pensionable Earnings	Pensionable Earnings will be assumed to increase relative to the assumed flat rate of 1% per annum. Views from the Employer have been considered when setting the assumption.	1.00% p.a. Plus promotional salary scale (see Appendix)
Increases to pensions in payment and revaluation of deferred pensions	An adjustment could be considered to the assumption for price inflation when looking at RPI inflation-linked pension increases or revaluation.	3.60% p.a. (no reduction from assumed RPI inflation rate)
Mortality	Standard published tables of mortality would be adopted that are considered appropriate for the Plan based on relevant analysis of experience. These tables would be adjusted to allow for expected future improvements in longevity.	100% SAPS S3 All Pensioners YoB and CMI 2018 projections with a long term trend of 1.75% p.a.
Leaving service	Advice will be taken from the Scheme Actuary as to the appropriate withdrawal rates to adopt taking into account withdrawal experience from the Plan and the views of the Employer and the Lead Company. Allowance has been made for the members who have been made redundant up to the date of signing of this Statement of Funding Principles.	See sample rates in the Appendix
Ill health	Advice will be taken from the Scheme Actuary as to the appropriate ill health rates to adopt taking into account the experience from the Plan and the views of the Lead Company.	See sample rates in the Appendix
Retirement	Members are assumed to retire at their Normal Pension Age. No account has been taken of the possibility of members continuing to work after Normal Pension Age but this may be reviewed in future, taking account of the Plan's experience and the views of the Lead Company.	Age 60 or 65 as applicable to specific members
Age differences	Advice will be taken from the Scheme Actuary as to the appropriate age difference between spouses to adopt, taking into account experience of the Plan where plausible and the views of the Lead Company.	Husbands assumed to be 3 years older than their wives
Proportion married	Advice will be taken from the Scheme Actuary as to the appropriate proportions married to adopt, taking into account the experience analysis of the Plan.	NDA Unisex rates Sample rates are shown in the Appendix

Assumption	Derivation	Assumption used
New entrants	The Section of the Plan is closed to defined benefit new entrants.	No allowance
Commutation	The assumption is informed by recent experience.	80% of members assumed to commute the maximum amount of tax free cash
Expenses	Expenses are paid directly by the Employer. An allowance has been allowed for the expenses from the date the Section is assumed to reach a self-sufficient status on 31 March 2028.	Paid directly by the Employer until 31 March 2028 Estimated to be £150,000 p.a. at the current date, increasing with RPI inflation but only payable from the Section from 1 April 2028
Life insurance premiums	Death in service lump sums are self-insured for this Section, the cost of which is met by the Employer.	Included in employer contribution rate
PPF and other levies	Paid directly by the Employer.	Paid directly by the Employer
Assets	Market value taken from audited accounts (excluding members' money purchase AVC and Shift Pay Pension Plan).	Market value

Period within which and manner in which a failure to meet the statutory funding objective is to be rectified

The Trustee and the Lead Company have agreed that any funding shortfalls identified at an actuarial valuation should be eliminated by the payment of additional contributions. The level and period over which these additional contributions are to be paid will be agreed between the Trustee and the Lead Company. In determining the actual recovery period at any particular valuation, the Trustee will take into account the following factors:

- the size of the funding shortfall;
- the business plans of the Employer;
- the Trustee's assessment of the financial covenant of the Employer (and in making this assessment the Trustee may make use of appropriate credit assessment providers or financial advisors);
- any contingent security offered by the Employer; and
- the Rules of the Plan.

The assumptions to be used in these calculations will be those set out above for calculating the Technical Provisions except that they may also take account of the expected investment out-performance of Plan assets.

Other contributors

There is an agreement in place for parental group guarantees. A guarantee is in place with Westinghouse Electric UK Holdings Limited and by Westinghouse Electric Company LLC.

Policy on discretionary increases and funding strategy

No allowance has been included in the assumptions for paying discretionary benefits or making increases to benefits that are not guaranteed under the Plan.

The Trustee will not agree any benefit increase unless a specific payment is made to the Plan in respect of such an increase, or the Scheme Actuary advises that such increases can be met by any surplus held in the relevant Section.

Refund to the Employer

The Trust Deed permits refund of surplus monies to any or all of the employers who participate in the Plan, but only on the winding up of the Plan as a whole and if then the assets exceed the cost of buying out the benefits of all the beneficiaries from an insurance company.

Policy on reduction of cash equivalent transfer values (CETVs)

At each valuation, the Trustee will ask the Scheme Actuary to report on the extent to which assets are sufficient to provide CETVs for all members. If the assets are insufficient to provide 100% of benefits on that basis, so that payment of full CETVs would adversely affect the security of the remaining members' benefits, and the Employer is unable or unwilling to provide additional funds, the Trustee will consider reducing CETVs as permitted under legislation.

If, at any other time, the Trustee is of the opinion that payment of CETVs at a previously agreed level could adversely affect the security of the remaining member's benefits, the Trustee will commission a report from the Scheme Actuary and will use the above criteria to decide whether, and to what extent, CETVs should be reduced.

Future actuarial valuations

The actuarial valuation under Part 3² is being carried out as at the effective date of 31 March 2019. All subsequent valuations will be due at three yearly intervals from this date. An actuarial report on the developments affecting the Section's funding level will be obtained as at each intermediate anniversary of that date.

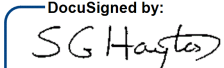
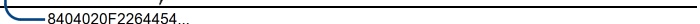
The Trustee may call for a full actuarial valuation when, after considering the Scheme Actuary's advice, they are of the opinion that events have made it unsafe to continue to rely on the results of the previous valuation as the basis for future contributions. However, the Trustee will consult the Lead Company before doing so.

Commissioning an additional valuation may not be necessary if agreement can be reached with the Lead Company to revise the Schedule of Contributions in a way considered satisfactory by the Trustee and the Scheme Actuary.

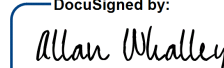
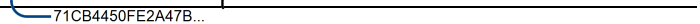
² Part 3 of the Pensions Act 2004 covering Scheme funding.

This Statement of Funding Principles dated 28 October 2020 has been agreed by the Lead Company and the Trustee of the Plan after obtaining advice from the Scheme Actuary.

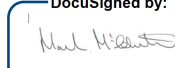

Signed on behalf of the Lead Company

Signature: 
Name: 
Steve Hayton
Position: Head of Group Pensions, Nuclear Decommissioning Authority
Date: 28 October 2020 | 10:01:19 GMT

Signed on behalf of the Trustee of the Plan

Signature: 
Name: 
Allan Whalley
Position: representing Strettea Independent Trustees Limited as Director
Date: 27 October 2020 | 06:51:33 PDT

This statement has been agreed by the Trustee and Lead Company after obtaining actuarial advice from me:

Signature: 

Name: Mark McClintock FIA
Position: Scheme Actuary
Date: 28 October 2020 | 11:28:29 GMT

Appendix to the Statement of Funding Principles

Sample rates

Leaving service

Rates per 1000 members at each age		
Age	Withdrawal	
	Male	Female
25	37	64
30	32	55
35	27	46
40	19	35
45	12	28
50	11	27
55	13	29

Ill health retirement

Ill health retirement decrements		
Age	Male	Female
20	0.0001	0.0002
30	0.0002	0.0003
40	0.0007	0.0011
45	0.0018	0.0022
50	0.0038	0.0045
55	0.0109	0.0136

Salary scales

Salary scale adjustment	
Age	Scale
All ages	1.00%

Proportions married

Age	%
	Male/Female
20	75
30	75
40	75
50	82
60	79
70	81
80	77
90	54

H Schedule of Contributions

Schedule of Contributions

Combined Nuclear Pension Plan – Springfields Fuels 2 Section

Schedule of Contributions for the purposes of Part 3 of the Pensions Act 2004 and Section 9 of the Occupational Pensions Schemes (Scheme Funding) Regulations 2005.

Status

This Schedule of Contributions for the Springfields Fuels 2 Section of the Combined Nuclear Pension Plan (the "Plan") has been prepared by the Trustee of the Plan, after obtaining the advice of Mark McClintock FIA, the Scheme Actuary. This Schedule of Contributions, put in place for the Plan, supersedes the previous schedule dated 31 July 2017.

The contribution rates and payment dates have been agreed between the Trustee and the Nuclear Decommissioning Authority (the "Lead Company"). The Employer is Springfields Fuels Limited. The Trustee and the Lead Company have signed this schedule.

Contributions to be paid to the Plan from 1 April 2019 to 30 June 2025

For the purposes of this Schedule of Contributions, the Pensionable Earnings, Pensionable Pay and Pensionable Shift Pay will be defined as the amount after the application of the contractual arrangements between the Employer and the members, in which non-promotional increases are capped at 1% p.a.

1) CPS 2 Benefit Structure

Contributions in respect of future service

Member contributions: 5.0% p.a. of Pensionable Earnings

Employer contributions to meet future accrual of benefits:

From 1 April 2019 to 30 June 2020: 35.9% p.a. of Pensionable Earnings

From 1 July 2020: 53.7% p.a. of Pensionable Earnings

The above member contributions are to be deducted from earnings by the Employer and all contributions paid to the Plan on or before the 19th of each following month.

Contributions in respect of the difference in the future service contribution rate compared to the cost of accrual

The new employer future service contribution rate of 53.7% p.a. of Pensionable Earnings is payable from July 2020. From April 2019 to June 2020, the Employer contributed 35.9% of Pensionable Earnings and a shortfall has arisen from the contributions being less than the cost of accrual. The Employer has agreed to address this underpayment from 1 April 2019 to 30 June 2020 by contributing a lump sum payment of £5,900,000 in November 2020. Back payments for July and August 2020 will be paid in November 2020.

The increase to Members' Pensionable Earnings at 1 January 2020 has not yet been applied, therefore, an additional payment will be required when it is granted and the back payments are made to the Members. The underpayment amount will be paid to the Plan on or before the 19th of the following month in which the back payments are made to the Members.

Contributions in respect of the technical provisions shortfall at 31 March 2019

The actuarial valuation of the Springfields Fuels 2 Section as at 31 March 2019 revealed a shortfall (technical provisions minus value of assets) of £41,933,000. To eliminate the funding shortfall, the Trustee and Lead Company have agreed that the Employer will contribute the amount needed in accordance with the Recovery plan dated 28 October 2020. The deficit contributions between April 2019 and October 2020 were in line with the previous recovery plan at a rate of £1,400,000 per annum, payable monthly.

For each year ending 31 March, the Employer will pay the deficit contributions set out in the table below and these will cease on 30 June 2025.

Year ending	Deficit contributions
31 March 2020	£1,400,000
31 March 2021	£4,400,000
31 March 2022	£8,200,000
31 March 2023	£8,700,000
31 March 2024	£9,400,000
31 March 2025	£10,300,000
31 March 2026	£2,700,000

Annual review mechanism

The Employer and the Trustee have agreed a mechanism to calculate the funding impact on the Section's liabilities caused by increases to Pensionable Earnings and the impact from redundancies.

Should there be any disagreement on the additional liability from each part of the annual review mechanism, the Trustee shall decide on the future amount payable after taking advice from the Scheme Actuary.

a) Monitoring the impact of the Pensionable Earnings increase on the active Members' liability

An assessment will be carried out on the funding impact on the active Members' liability from any Pensionable Earnings increases that have occurred over the previous 12 months to 31 March relative to the assumption in the Statement of Funding Principles. The assessment will be based upon the Pensionable Earnings received in the 12 months to each 31 March compared to the Pensionable Earnings received in the 12 month to the 31 March in the preceding year.

For the avoidance of doubt, this assessment is completed on the value of the active members' liability excluding the salary linkage liability as that is assessed separately.

The amount of any contributions payable will be agreed between the Employer and the Trustee, with the Scheme Actuary acting on behalf of the Trustee. The Trustee will provide its agreement by 15 September on the contributions payable from 1 October each year.

The contribution due in respect of any funding strain will be payable over a 12 month period commencing on or before 19th October in each year of assessment.

b) Monitoring the impact of the salary linkage liability

All members of the Section have deferred benefits retained in the Combined Pension Scheme and the Closed Section of the Plan. There is an agreement in the Plan's Trust Deed and Rules that the Section will increase these deferred benefits to the extent that cumulative Pensionable Earnings increases since 31 March 2010 are greater than the cumulative increase in RPI increase over the same period at the point members leave pensionable service for any reason. The value of this additional benefit is referred to as the salary linkage liability. Allowance has been made for the future Pensionable Earnings increases and RPI inflation in line with the assumptions in the Statement of Funding Principles.

The contributions payable in respect of this benefit are;

From 1 April 2019 to 30 September 2019:	£20,833 per month
From 1 October 2019 to 30 September 2020:	£500,000 per annum, payable monthly
From 1 November 2020 to 31 October 2021:	£600,000 per annum, payable monthly

For subsequent years, the amount shall be determined annually by 15 September and payable from 1 October.

The contribution payable will be the additional salary linkage liabilities, which have arisen due to increases in Pensionable Earnings being above the assumption in the Statement of Funding Principles during the 12-month period to the prior 31 March, or through the crystallisation of this liability as members leave active status for any reason. This amount will be agreed between the Employer and the Trustee, with the Scheme Actuary acting on behalf of the Trustee. The Trustee will then provide its agreement by 15 September on the contributions payable from 1 October each year.

The contribution due in respect of the salary linkage liability will be payable over a 12 month period commencing on or before 19th October in each year of assessment.

The impact from any leavers from active status, irrespective of the reason, shall be included in each annual assessment.

c) Monitoring the impact of redundancies

Each 31 March, an assessment shall take place to determine the funding strain relating to any redundancies that have occurred in the 12 months to 31 March.

The assessment at 31 March 2020 is not required as all redundancies up to this date were allowed for in the 31 March 2019 actuarial valuation.

The additional liability shall be determined by comparing the redundant members' liability as an active member to that assuming they became deferred.

The amount of any contributions payable will be agreed between the Employer and the Trustee, with the Scheme Actuary acting on behalf of the Trustee. The Trustee will provide its agreement by 15 September on the contributions payable from 1 October each year.

The contribution due in respect of any funding strain will be payable over a 12 month period commencing on or before 19th October in each year of assessment.

The members included in each assessment will be:

- Redundancies, whether it is voluntary or involuntary; and
- Members who elect to opt out of the Plan but remain employees of the Employer.

Any impact from all other voluntary leavers during the 12 months to each 31 March will not be included in the assessments.

2) New Joiners Benefit Structure

Employer contributions depend on the level of contributions each member elects to pay, as follows:

Member Contributions	Employer Contributions
3%	8%
4%	9.5%
5%	11%
6%	12.5%
7% or more	13.5%

Percentages relate to a members' Pensionable Pay. The above member contributions are to be deducted from earnings by the Employer and all contributions paid to the Plan on or before the 19th of each following month.

3) Shift Pay Pension Plan

Member contributions: Minimum of 5% per annum of Pensionable Shift Pay

Employer contributions:

From 1 April 2019 to 30 June 2020: 35.9% p.a. of Pensionable Shift Pay

From 1 July 2020: 53.7% p.a. of Pensionable Shift Pay

The above member contributions are to be deducted from earnings by the Employer and all contributions paid to the Plan on or before the 19th of each following month.

Contributions in respect of Additional Voluntary Contributions

Any Additional Voluntary Contributions which members have chosen to make, whether invested on a defined contribution basis or used to purchase added years, are payable in addition to the above contribution rate and are to be paid on or before the 19th of the month after the month they have been deducted from members' earnings.

Contributions in respect of benefit augmentations

The Employer will pay any contributions required to meet any benefit augmentations granted or benefit improvements as agreed with the Scheme Actuary.

Contributions in respect of administration expenses and other costs

Any costs, charges and expenses incurred by the Springfields Fuels 2 Section of the Plan and levies payable to the Pension Protection Fund will be met directly by the Employer unless the Lead Company dictates that they are met from the assets of the Springfields Fuels 2 Section or by the Lead Company.

Pensionable Earnings

The definition of Pensionable Earnings is all gross sums received annually by a member in terms of (a) salary or wages, excluding overtime, bonuses and Shift Pay which is pensionable separately under Shift Pay Pension Plan rules; (b) responsibility allowances; (c) any other emoluments included within the definition of Pensionable Earnings for purposes of the CPS Benefit Structure, and (d) any other emoluments of a kind which the Lead Company declares to be reckonable as Pensionable Earnings and which are notified in writing to the Members concerned.

Pensionable Pay

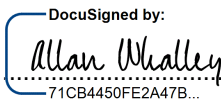
The definition of Pensionable Pay is all gross sums received annually by a member in terms of (a) salary or wages, excluding overtime but including Pensionable Shift Pay; (b) responsibility allowances; and (c) any other emoluments that the Lead Company declares to be reckonable as Pensionable Pay and which are notified in writing to members concerned.

Pensionable Shift Pay

The definition of Pensionable Shift Pay is that part of Shift Pay as is determined by the Employer with the consent of the Lead Company. In which, 'Shift Pay' is the extra pay received by a Member by way of shift supplement in respect of shift working.

This Schedule of Contributions has been agreed by Nuclear Decommissioning Authority and the Trustee of the Plan:

On behalf of the Trustee of the Plan

Signature: 71CB4450FE2A47B...

Name: Allan Whalley

Position: representing Strettea Independent Trustees Limited as Director

Date: 27 October 2020 | 06:51:33 PDT

On behalf of Nuclear Decommissioning Authority

Signature: 8404020F2264454...

Name: Steve Hayton

Position: Head of Group Pensions, Nuclear Decommissioning Authority

Date: 28 October 2020 | 10:01:19 GMT

This Schedule of Contributions has been agreed by the Trustee of the Plan after obtaining actuarial advice from me.

Signature: 0AAD82EF9ECE491...

Name: Mark McClintock FIA

Position: Scheme Actuary

Date: 28 October 2020 | 11:28:29 GMT

Actuary’s certification of Schedule of Contributions

Name of Plan: Combined Nuclear Pension Plan – Springfields Fuels 2 Section

Adequacy of rates of contributions


- 1. I certify that, in my opinion, the rates of contributions shown in this Schedule of Contributions are such that the statutory funding objective can be expected to be met by the end of the period specified in the Recovery Plan dated 28 October 2020.

Adherence to statement of funding principles

- 2. I hereby certify that, in my opinion, this Schedule of Contributions is consistent with the Statement of Funding Principles dated 28 October 2020.

The certification of the adequacy of the rates of contributions for the purpose of securing that the statutory funding objective can be expected to be met is not a certification of their adequacy for the purpose of securing the Springfields Fuels 2 Section’s liabilities by the purchase of annuities, if the Springfields Fuels 2 Section were to be wound up.

Signature

DocuSigned by:

0AAD82EF9ECE491...

Date

28 October 2020 | 11:28:29 GMT

Name

Mark McClintock

Qualification

Fellow of the
Institute and Faculty
of Actuaries

Address

Deloitte Total Reward
and Benefits Limited
Lincoln Building
27-45 Great Victoria Street
Belfast
BT2 7SL

I Recovery Plan

Recovery Plan

Springfields 2 Section of the Combined Nuclear Pension Plan

This Recovery Plan has been prepared by the Trustee of the Combined Nuclear Pension Plan ("the Plan") for the purposes of Part 3 of the Pensions Act 2004, after receiving advice from Mark McClintock FIA, the Scheme Actuary.

This Recovery Plan has been agreed between the Trustee of the Plan and the Nuclear Decommissioning Authority ("the Lead Company").

Status

The most recent actuarial valuation of the Plan disclosed that, at the valuation date of 31 March 2019, the value of the Plan's assets was less than its Technical Provisions. The deficit was as follows:

Assets and Technical Provisions at 31 March 2019	£000s
Total technical provisions	206,552
Market value of assets	164,619
Deficit	(41,933)
Funding level	80%

Statutory funding objective

For the purposes of this Recovery Plan, the Pensionable Earnings will be defined as the amount after the application of the contractual arrangements between the Employer and the members, in which non-promotional increases are capped at 1% p.a.

Contributions in respect of the difference in the future service contribution rate compared to the cost of accrual

The new employer future service contribution rate of 53.7% p.a. of Pensionable Earnings is payable from July 2020. From April 2019 to June 2020 Springfields Fuels Limited ("the Employer") contributed 35.9% of Pensionable Earnings and a shortfall has arisen from the contributions being less than the cost of accrual. The Employer has agreed to address this underpayment from 1 April 2019 to 30 June 2020 by contributing a lump sum payment of £5,900,000 in November 2020. Back payments for July and August 2020 will be paid in November 2020.

The increase to Members' Pensionable Earnings at 1 January 2020 has not yet been applied, therefore, an additional payment will be required when it is granted and the back payments are made to the Members. The underpayment amount is will be paid to the Plan on or before the 19th of the following month in which the back payments are made to the Members.

Contributions in respect of the technical provisions shortfall at 31 March 2019

The actuarial valuation of the Springfields Fuels 2 Section as at 31 March 2019 revealed a shortfall (technical provisions minus value of assets) of £41,933,000. To eliminate the funding shortfall, the Trustees and Lead Company have agreed that the Employer will contribute the amount needed. The amounts payable monthly between April 2019 and October 2020 were in line with the previous recovery plan at a rate of £1,400,000 per annum, payable monthly.

For each year ending 31 March, the Employer will pay the deficit contributions set out in the table below and these will cease on 30 June 2025.

Year ending	Deficit contributions
31 March 2020	£1,400,000
31 March 2021	£4,400,000
31 March 2022	£8,200,000
31 March 2023	£8,700,000
31 March 2024	£9,400,000
31 March 2025	£10,300,000
31 March 2026	£2,700,000

Annual review mechanism

The Employer and the Trustee have agreed a mechanism to calculate the funding impact on the Section's liabilities caused by increases to Pensionable Earnings and the impact from redundancies.

Should there be any disagreement on the additional liability from each part of the annual review mechanism, the Trustee shall decide on the future amount payable after taking advice from the Scheme Actuary.

a) Monitoring the impact of the Pensionable Earnings increase on the active Members' liability

An assessment will be carried out on the funding impact on the active Members' liability from any Pensionable Earnings increases that have occurred over the previous 12 months to 31 March relative to the assumption in the Statement of Funding Principles. The assessment will be based upon the Pensionable Earnings received in the 12 months to each 31 March compared to the Pensionable Earnings received in the 12 month to the 31 March in the preceding year.

For the avoidance of doubt, this assessment is completed on the value of the active members' liability excluding the salary linkage liability as that is assessed separately.

The amount of any contributions payable will be agreed between the Employer and the Trustee, with the Scheme Actuary acting on behalf of the Trustee. The Trustee will provide its agreement by 15 September on the contributions payable from 1 October each year.

The contribution due in respect of any funding strain will be payable over a 12 month period commencing on or before 19th October in each year of assessment.

b) Monitoring the impact of the salary linkage liability

All members of the Section have deferred benefits retained in the Combined Pension Scheme and the Closed Section of the Plan. There is an agreement in the Plan's Trust Deed and Rules that the Section will increase these deferred benefits to the extent that cumulative Pensionable Earnings increases since 31 March 2010 are greater than the cumulative increase in RPI increase over the same period at the point members leave pensionable service for any reason. The value of this additional benefit is referred to as the salary linkage liability. Allowance has been made for the future Pensionable Earnings increases and RPI inflation in line with the assumptions in the Statement of Funding Principles.

The contributions payable in respect of this benefit are;

From 1 April 2019 to 30 September 2019:	£20,833 per month
From 1 October 2019 to 30 September 2020:	£500,000 per annum, payable monthly
From 1 November 2020 to 31 October 2021:	£600,000 per annum, payable monthly

For subsequent years, the amount shall be determined annually by 15 September and payable over the 12 months from each 1 October.

The contribution payable will be the additional salary linkage liabilities, which have arisen due to increases in Pensionable Earnings being above the assumption in the Statement of Funding Principles during the 12-month period to the prior 31 March, or through the crystallisation of this liability as members leave active status for any reason. This amount will be agreed between the Employer and the Trustee, with the Scheme Actuary acting on behalf of the Trustee. The Trustee will then provide its agreement by 15 September on the contributions payable from 1 October each year.

The contribution due in respect of the salary linkage liability will be payable over a 12 month period commencing on or before 19th October in each year of assessment.

The impact from any leavers from active status, irrespective of the reason, shall be included in each annual assessment.

c) Monitoring the impact of redundancies

Each 31 March, an assessment shall take place to determine the funding strain relating to any redundancies that have occurred in the 12 months to 31 March.

The assessment at 31 March 2020 is not required as all redundancies up to this date were allowed for in the 31 March 2019 actuarial valuation.

The additional liability shall be determined by comparing the redundant members' liability as an active member to that assuming they became deferred.

The amount of any contributions payable will be agreed between the Employer and the Trustee, with the Scheme Actuary acting on behalf of the Trustee. The Trustee will provide its agreement by 15 September on the contributions payable from 1 October each year.

The contribution due in respect of any funding strain will be payable over a 12 month period commencing on or before 19th October in each year of assessment.

The members included in each assessment will be:

- Redundancies, whether it is voluntary or involuntary; and
- Members who elect to opt out of the Plan but remain employees of the Employer.

Any impact from all other voluntary leavers during the 12 months to each 31 March will not be included in the assessments.

Period in which the Statutory Funding Objective should be met

Based on the above contributions the funding shortfall is expected to be eliminated in 6 years 3 months from 1 April 2019. This is following contributions as agreed under the existing Schedule of Contributions continuing for 19 months from 31 March 2019.

Assumptions

The major financial assumptions used in the calculation of the required contributions are the same as those used to calculate the Plan's Technical Provisions as at 31 March 2019. These are outlined below.

Assumption at 31 March 2019	% per annum
Price inflation	
RPI	3.60%
CPI	2.60%
Discount rate (pre-retirement)	2.85% p.a. tending to 1.85% p.a. by 31 March 2028
Discount rate (post-retirement)	2.10% p.a. tending to 1.85% p.a. by 31 March 2028

This Recovery Plan dated 28 October 2020 has been agreed by the Lead Company and the Trustee of the Plan:

Signed on behalf of the Lead Company

Signature:

DocuSigned by:

8404020F2264454...

Name:

Steve Hayton

Position:

Head of Group Pensions, Nuclear Decommissioning Authority

Date:

28 October 2020 | 10:01:19 GMT

Signed on behalf of the Trustee of the Plan

Signature:

DocuSigned by:

71CB4450FE2A47B...

Name:

Allan Whalley

Position:

representing Strettea Independent Trustees Limited as Director

Date:

27 October 2020 | 06:51:33 PDT

J S179 certificate

Scheme/Section details

Full name of scheme:	Combined Nuclear Pension Plan
Name of section, if applicable:	Springfields Fuels 2 Section
Pension Scheme Registration Number:	19009608
Address of Scheme (or section, where appropriate):	C/O Nuclear Decommissioning Authority Building 329 west Thomson Avenue Harwell Campus Oxfordshire
Postcode:	OX11 0GD

Effective date of this valuation	31 March 2019
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Guidance and assumptions

S179 guidance used for this valuation	G8
S179 assumptions used for this valuation	A9

Assets

Total assets (this figure should not be reduced by the amount of any external liabilities and should include the insurance policies referred to below)	£164,619,442
Date of relevant accounts	31 March 2019
Percentage of the assets shown above held in the form of a contract of insurance where this is not included in the asset value recorded in the relevant scheme accounts.	0%

Liabilities

Please show liabilities for:

Active members (excluding expenses)	£135,510,879
Deferred members (excluding expenses)	£15,660,064
Pensioner members (excluding expenses)	£22,583,233
Estimated costs of winding up	£3,237,542
Estimated expenses of benefit installation/payment	£1,063,500
External liabilities	£0
Total protected liabilities	£178,055,218

Please provide the percentage of the liabilities shown above that are fully matched by insured annuity contracts for:

Active members	0%
Deferred members	0%
Pensioner members	0%

Proportion of liabilities

Please show the percentage of liabilities which relate to each period of service for:

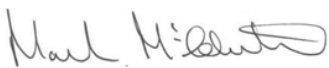
	Before 6 April 1997	6 April 1997 to 5 April 2009	After 5 April 2009
Active members	0%	0%	100%
Deferred members	0%	0%	100%
	Before 6 April 1997	After 5 April 1997	
Pensioner members	0%	100%	

Number and average ages of members

Please provide the number of members and average age (weighted by protected liabilities) as at the effective date of this valuation, for each member type, rounded to the nearest whole year.

	Number	Average age
Active members	684	51
Deferred members	128	54
Pensioner members	318	62

I certify that this valuation has been carried out in accordance with the Pension Protection Fund (Valuation) Regulations 2005 and with the appropriate section 179 guidance and assumptions issued by the Board of the Pension Protection Fund. I also certify that the calculated value of the protected liabilities is, in my opinion, unlikely to have been understated.

Signature	
Name	Mark McClintock
Date	31 October 2020
Name of employer	Deloitte Total Reward and Benefits Limited
Address	Lincoln Building, 2-45 Great Victoria Street, Belfast, BT2 7SL
Qualification	Fellow of the Institute and Faculty of Actuaries

K Glossary

Key terms used throughout this report are summarised below

Actuarial valuation	A review carried out by an actuary to assess whether a pension scheme's assets are sufficient to meet its liabilities
Deficit Reduction Contributions (DRCs)	The payments set out in the Recovery Plan to meet the funding shortfall
Discount rate	The rate used to place a present value on the projected benefit payments
Employer	Springfields Fuels Limited
Exchange	The Pension Regulator's online scheme maintenance system.
Funding level	The ratio of the value of assets to the value of the liabilities
Funding valuation	An actuarial valuation of the Section carried under legislation to determine the contributions payable to the Section in future.
Guaranteed Minimum Pension ("GMP")	A minimum level of income provided to members of contracted-out pension schemes between 1978 and 1997.
Pension Protection Fund ("PPF")	An arrangement launched in April 2005 that provides compensation to members of private sector defined benefit pension schemes when their sponsoring employer becomes insolvent. The level of PPF compensation would not normally be at the full level of the benefits that would otherwise have been due from the scheme.
Long Term Funding Target (LTFT)	A secondary, more prudent funding objective than the SFO. The target could be a low dependency position, or to target settlement of the liabilities with an insurance company
The Pensions Regulator	The regulatory body for work-based pension schemes in the UK, which reviews the funding of private sector defined benefit pension schemes

Recovery Plan	An agreement between the Trustee and the Employer for payments needed to meet any shortfall between the assets and Technical Provisions
Salary linkage top-up benefits	All members of the Section have accrued benefits in the Combined Pension Scheme and the Closed Section of the Plan. There is an agreement in place to increase these benefits if at the point of leaving the Section, cumulative Pensionable Earnings increased since 31 March 2010 are greater than the increased in RPI inflation over the same period.
£179 valuation	<p>A valuation that is used to determine a scheme's annual PPF levy.</p> <p>The valuation uses assumptions prescribed by the PPF, which are broadly consistent with the way insurers price pension schemes for buy-out purposes. The valuation is based on the level of PPF compensation that members would receive if the scheme entered the PPF on the valuation date, rather than Section's benefits.</p>
Schedule of Contributions	A schedule setting out the contribution rates and payment dates agreed between the Trustee and the Employer and certified by the Scheme Actuary as being adequate to satisfy the SFO.
Solvency position	The ratio of the assets to the estimated cost of securing the Section's benefits in full with an insurance company
Statutory Funding Objective ("SFO")	The requirement that a defined benefit pension scheme should have sufficient and appropriate assets to cover its Technical Provisions
Statement of Funding Principles	The documented policy for meeting the SFO and the principles for determining the assumptions to calculate the Technical Provisions
Technical Provisions	The actuarial value of the accrued liabilities of the Section used to determine future contributions
Trustee	The Trustee of the Section
Transfer value	The amount a scheme will pay on behalf of a deferred member who wishes to transfer their benefits to another pension arrangement
Valuation Date	31 March 2019



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